



**Final**

**Record of Decision for Parcel UC-2**

**Hunters Point Shipyard  
San Francisco, California**

**December 17, 2009**

Prepared by:

**Department of the Navy  
Base Realignment and Closure  
Program Management Office West  
San Diego, California**

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**Public Summary:                      Final Record of Decision for Parcel UC-2, Hunters Point  
Shipyard, San Francisco, California, December 17, 2009**

The Department of Navy has prepared this final record of decision (ROD) to address remaining contamination at Parcel UC-2 at Hunters Point Shipyard in San Francisco, California. The remedial action selected in this ROD is necessary to protect the public health, welfare, and the environment from actual or potential releases of contaminants from this parcel. The selected remedial action for Parcel UC-2 addresses metals (especially arsenic and manganese) in soil, volatile organic compound (VOC) vapors from groundwater in the A-aquifer, and radionuclides in structures (storm drains and sanitary sewers) and the soil associated with these structures.

In 2009, the Navy divided the former Parcel C into two new parcels: UC-2 and C. One overall remedy was selected for Parcels UC-2 and C; however, many of the actions in the overall remedy are not required at Parcel UC-2 based on the types and locations of contaminants. Only remedy components relevant to Parcel UC-2 were evaluated in this ROD. The Navy considered the following remedial alternatives for contaminants in soil: (S-1) no action; (S-2/3) institutional controls (IC), and maintained landscaping; and (S-4/5) covers and ICs. The Navy considered the following remedial alternatives for contaminants in groundwater: (GW-1) no action; (GW-2) long-term monitoring and ICs; and (GW-3/4) monitored natural attenuation (MNA) and ICs. The Navy considered the following remedial alternatives for radiologically impacted structures (storm drains and sanitary sewers) and the soil associated with these structures: (R-1) no action; and (R-2) surveying radiologically impacted areas, excavating storm drain and sanitary sewer lines and soils in impacted areas, and screening, separating, and disposing of radioactive sources and contaminated excavated soil at an off-site, low-level radioactive waste facility. The selected remedy for Parcel UC-2 is Alternative S-4/5 for soil; Alternative GW-3/4 for groundwater; and Alternative R-2 for radiologically impacted structures (storm drains and sanitary sewers) and the soil associated with these structures. Implementation of the remedy at Parcel UC-2 will consist of durable covers and ICs to address soil contamination; MNA and ICs to address groundwater contamination; and removal of storm drains and sanitary sewer lines and excavation of soil to address radiologically impacted soil and structures.

**Information Repositories:** A complete copy of the "Final Record of Decision for Parcel UC-2" dated December 17, 2009, is available to community members at:

San Francisco Main Library  
100 Larkin Street  
Government Information Center, 5th Floor  
San Francisco, CA 94102  
Phone: (415) 557-4500

Anna E. Waden Bayview Library  
5075 Third Street  
San Francisco, CA 94124  
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The report is also available to community members on request to the Navy. For more information about environmental investigation and cleanup at Hunters Point Shipyard, contact Sarah Koppel, remedial project manager for the Navy, at:

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## **TABLE OF CONTENTS**

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ACRONYMS AND ABBREVIATIONS .....	iii
1.0 DECLARATION .....	1
1.1 SELECTED REMEDY .....	2
1.2 DATA CERTIFICATION CHECKLIST .....	2
1.3 AUTHORIZING SIGNATURES .....	4
2.0 DECISION SUMMARY .....	5
2.1 SITE DESCRIPTION AND HISTORY .....	5
2.2 SITE CHARACTERISTICS .....	9
2.3 PREVIOUS INVESTIGATIONS .....	10
2.4 CURRENT AND POTENTIAL FUTURE SITE USES .....	16
2.5 SUMMARY OF SITE RISKS .....	19
2.5.1 Human Health Risk Assessment .....	19
2.5.2 Ecological Risk Assessment .....	22
2.5.3 Basis for Response Action .....	23
2.6 PRINCIPAL THREAT WASTE .....	27
2.7 REMEDIAL ACTION OBJECTIVES .....	27
2.8 DESCRIPTION AND EVALUATION OF REMEDIAL ALTERNATIVES .....	29
2.8.1 Description of Remedial Alternatives .....	30
2.8.2 Comparative Analysis of Alternatives .....	30
2.9 SELECTED REMEDY .....	40
2.9.1 Rationale for Selected Remedy .....	40
2.9.2 Description of Selected Remedy .....	40
2.9.3 Expected Outcomes of the Selected Remedy .....	45
2.9.4 Statutory Determinations .....	46
2.10 COMMUNITY PARTICIPATION .....	47
3.0 RESPONSIVENESS SUMMARY .....	48

### **Attachments**

- 1 Applicable or Relevant and Appropriate Requirements
- 2 Responsiveness Summary
- 3 References (Reference documents provided on CD only)
- 4 Administrative Record Index

## ***LIST OF FIGURES***

---

1	Facility Location Map with the Boundary of Parcel UC-2.....	6
2	Parcel UC-2 Location Map .....	7
3	Reuse Areas and Associated Redevelopment Blocks.....	8
4	IR Site within Parcel UC-2 .....	9
5	Parcel UC-2 Site Features.....	11
6	VOCs in Groundwater Above Remedial Goals .....	17
7	Radiologically Impacted Structures (Storm Drains and Sanitary Sewers) .....	18
8	Conceptual Site Model.....	20
9	Planned Surface Covers for the Soil Remedy.....	25
10	Planned Groundwater Remedy .....	26

## ***LIST OF TABLES***

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1	Previous Investigations and Removal Actions .....	12
2	Cancer Risks and Noncancer Hazards .....	22
3	Chemicals of Concern in Soil and Groundwater Requiring a Response Action .....	24
4	Remediation Goals for Soil and Groundwater.....	28
5	Remediation Goals for Radionuclides .....	29
6	Summary of Parcel UC-2 Remedial Alternatives and Remedy Components.....	31
7	Remedial Alternatives.....	32
8	Relative Ranking of Remedial Alternatives .....	37



## ACRONYMS AND ABBREVIATIONS

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§	Section
µg/L	Microgram per liter
ARAR	Applicable or relevant and appropriate requirement
ARIC	Area requiring institutional controls
bgs	Below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	<i>Code of Federal Regulations</i>
COC	Chemical of concern
CSM	Conceptual site model
cy	Cubic yard
dpm/100cm <sup>2</sup>	Disintegrations per minute per 100 square centimeters
DTSC	Department of Toxic Substances Control
ELCR	Excess lifetime cancer risk
EPA	U.S. Environmental Protection Agency
FFA	Federal Facility Agreement
FS	Feasibility study
GRA	General response action
HHRA	Human health risk assessment
HI	Hazard index
HPAL	Hunters Point ambient level
HPS	Hunters Point Shipyard
HRA	Historical Radiological Assessment
IC	Institutional control
IR	Installation Restoration
LUC RD	Land use control remedial design
mg/kg	Milligram per kilogram
millirem	One thousandth of a rem (10 <sup>-3</sup> )
MNA	Monitored natural attenuation
MOA	Memorandum of agreement
mrem/yr	Millirem per year
msl	Mean sea level

## ACRONYMS AND ABBREVIATIONS (Continued)

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NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NPL	National Priorities List
NRDL	Naval Radiological Defense Laboratory
O&M	Operation and maintenance
OSWER	Office of Solid Waste and Emergency Response
PA	Preliminary assessment
pCi/g	Picocurie per gram
pCi/L	Picocurie per liter
PQL	Practical quantitation limit
RAO	Remedial action objective
RBC	Risk-based concentration
RD	Remedial design
RI	Remedial investigation
RME	Reasonable maximum exposure
RMP	Risk management plan
RMR	Risk management review
ROD	Record of Decision
RU	Remedial unit
SARA	Superfund Amendments and Reauthorization Act
SI	Site inspection
SVE	Soil vapor extraction
TCRA	Time-critical removal action
VOC	Volatile organic compound
Water Board	San Francisco Bay Regional Water Quality Control Board
ZVI	Zero-valent iron

## 1.0 DECLARATION

This Record of Decision (ROD) presents the selected remedy for Parcel UC-2 at Hunters Point Shipyard (HPS) in San Francisco, California. HPS was included on the National Priorities List (NPL) in 1989 (U.S. Environmental Protection Agency [EPA] ID: CA1170090087). The remedy was selected in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Title 42 *United States Code* Section [§] 9601, et seq.) and, to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Title 40 *Code of Federal Regulations* [CFR] Part 300). This decision is based on information contained in the administrative record<sup>1</sup> (Attachment 4) for the site. Information not specifically summarized in this ROD or its references but that is contained in the administrative record has been considered and is relevant to the selection of the remedy at Parcel UC-2. Thus, the ROD is based on and relies on the entire administrative record file in making the decision.

The Department of the Navy and EPA jointly selected the remedy for Parcel UC-2, and the California Environmental Protection Agency's Department of Toxic Substances Control (DTSC) and the San Francisco Bay Regional Water Quality Control Board (Water Board) concur on the remedy for Parcel UC-2. The Navy provides funding for site cleanups at HPS. The Federal Facility Agreement (FFA) for HPS documents how the Navy intends to meet and implement CERCLA in partnership with EPA, DTSC, and the Water Board.

Parcel UC-2 was part of the former Parcel C. The former Parcel C is one of six parcels (Parcels A through F) originally designated for environmental restoration. The boundaries of Parcels B and C were redefined in 1997 and 2002, and Installation Restoration (IR) 06 (2002) and IR-25 (1997) became part of the former Parcel C. In 2009, the Navy divided the former Parcel C into two new parcels: UC-2 and C. Parcel C is not part of this ROD. Long-term uses in specified areas within Parcel UC-2 include mixed use and research and development.

Environmental investigations began in 1984 at the former Parcel C, which includes Parcel UC-2. A Draft Final Remedial Investigation (RI) Report for the former Parcel C was completed in 1997; the Draft Final RI for Parcel B (which covers IR-06 and IR-25) was completed in 1996. The revised Final Feasibility Study (FS) Report for the former Parcel C was completed in 2008. This ROD documents the final remedial action selected for Parcel UC-2 and does not include or affect any other sites at HPS.

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<sup>1</sup> **Bold blue text** identifies detailed site information available in the administrative record and listed in the references table (Attachment 3). This ROD is also available on CD, whereby **bold blue text** serves as a hyperlink to reference information. The hyperlink will open a text box at the top of the screen. A blue box surrounds applicable information in the hyperlink. To the extent there may be any inconsistencies between the referenced information attached to the ROD via hyperlinks and the information in the basic ROD itself, the language in the basic ROD controls.

## 1.1

### SELECTED REMEDY

The CERCLA remedial action selected in this ROD is necessary to protect the public health, welfare, and the environment from actual or potential releases of contaminants from the site. The selected remedial action for Parcel UC-2 addresses metals in soil and radionuclides in soil and structures associated with storm drains and sewer lines. The remedial action also addresses volatile organic compounds (VOC) in groundwater. Parcel UC-2 was evaluated as part of the FS for the former Parcel C and Proposed Plan for Parcels C and UC-2. However, this ROD addresses only those releases located within the newly defined Parcel UC-2 and does not address the balance of the former Parcel C. Implementation of the remedy at Parcel UC-2 will consist of durable covers and institutional controls (IC) to address soil contamination; monitored natural attenuation (MNA) and ICs to address groundwater contamination; and removal of storm drains and sanitary sewer lines and excavation of soil to address radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures.

The selected remedial action is protective of human health and the environment, complies with federal and state statutes and regulations that are applicable or relevant and appropriate to the remedial action, and is cost-effective. The selected remedial action uses permanent solutions and alternative treatment (or resource recovery) technologies to the maximum extent practicable. The selected remedy does not satisfy the statutory preference for treatment as a principal element of the remedy because there is no cost-effective means of treating the large quantity of low-level soil contamination and low-level groundwater contamination. A statutory review will be conducted within 5 years after the remedial action is initiated to ensure that the remedy is protective of human health and the environment.

## 1.2

### DATA CERTIFICATION CHECKLIST

The following information is included in Section 2.0 of this ROD. Additional information can be found in the administrative record file for this site:

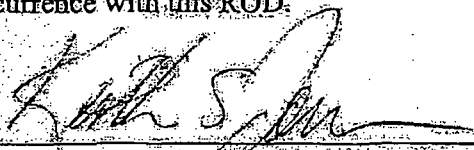
- Chemicals of concern (COC) and their concentrations (Sections 2.3 and 2.5).
- Baseline risk represented by the COC (Section 2.5).
- Remediation goals established for COCs and the basis for these goals (Sections 2.5 and 2.7).
- Principal threat wastes (Section 2.6).
- Current and reasonably anticipated future land use assumptions and current and potential future beneficial uses of groundwater (Section 2.4).
- Potential land and groundwater use that will be available at the site as a result of the selected remedy (Section 2.9.3).

- Estimated capital costs, annual operation and maintenance (O&M), and total present-worth costs; discount rate; and the number of years over which the remedy cost estimate is projected (Table 7).
- Key factors that led to selecting the remedy (for example, a description of how the selected remedy provides the best balance of tradeoffs with respect to the balancing and modifying criteria, highlighting criteria key to the decision) (Section 2.9.1).

## 1.3

## AUTHORIZING SIGNATURES

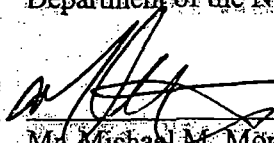
This signature sheet documents the Navy's and EPA's co-selection of the remedy in this ROD. This signature sheet also documents the State of California's (DTSC and Water Board) concurrence with this ROD.



Mr. Keith S. Forman  
Base Realignment and Closure Environmental Coordinator  
Base Realignment and Closure Program Management  
Office West  
Department of the Navy

Date

12/17/09



Mr. Michael M. Montgomery  
Assistant Director of Federal Facilities  
and Site Cleanup Branch, Region 9  
U.S. Environmental Protection Agency

Date

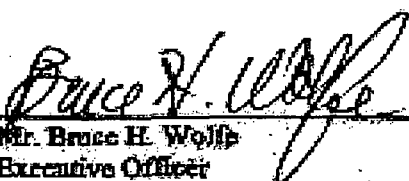
12/17/09



Dr. Ryan K. Miya  
San Francisco Peninsula Team Leader  
California Environmental Protection Agency  
Department of Toxic Substances Control

Date

12/23/09



Mr. Bruce H. Wolfe  
Executive Officer  
California Environmental Protection Agency  
San Francisco Bay Regional Water Quality Control Board

Date

12/22/09

## 2.0 DECISION SUMMARY

### 2.1 SITE DESCRIPTION AND HISTORY

HPS is located in southeastern San Francisco on a peninsula that extends east into San Francisco Bay (see [Figure 1](#)). HPS consists of 866 acres: 420 acres on land and 446 acres under water in the San Francisco Bay. In 1940, the Navy obtained ownership of HPS for shipbuilding, repair, and maintenance. After World War II, activities at HPS shifted to submarine maintenance and repair. HPS was also the site of the Naval Radiological Defense Laboratory (NRDL). HPS was deactivated in 1974 and remained relatively unused until 1976. Between 1976 and 1986, the Navy leased most of HPS to Triple A Machine Shop, Inc., a private ship repair company. In 1987, the Navy resumed occupancy of HPS.

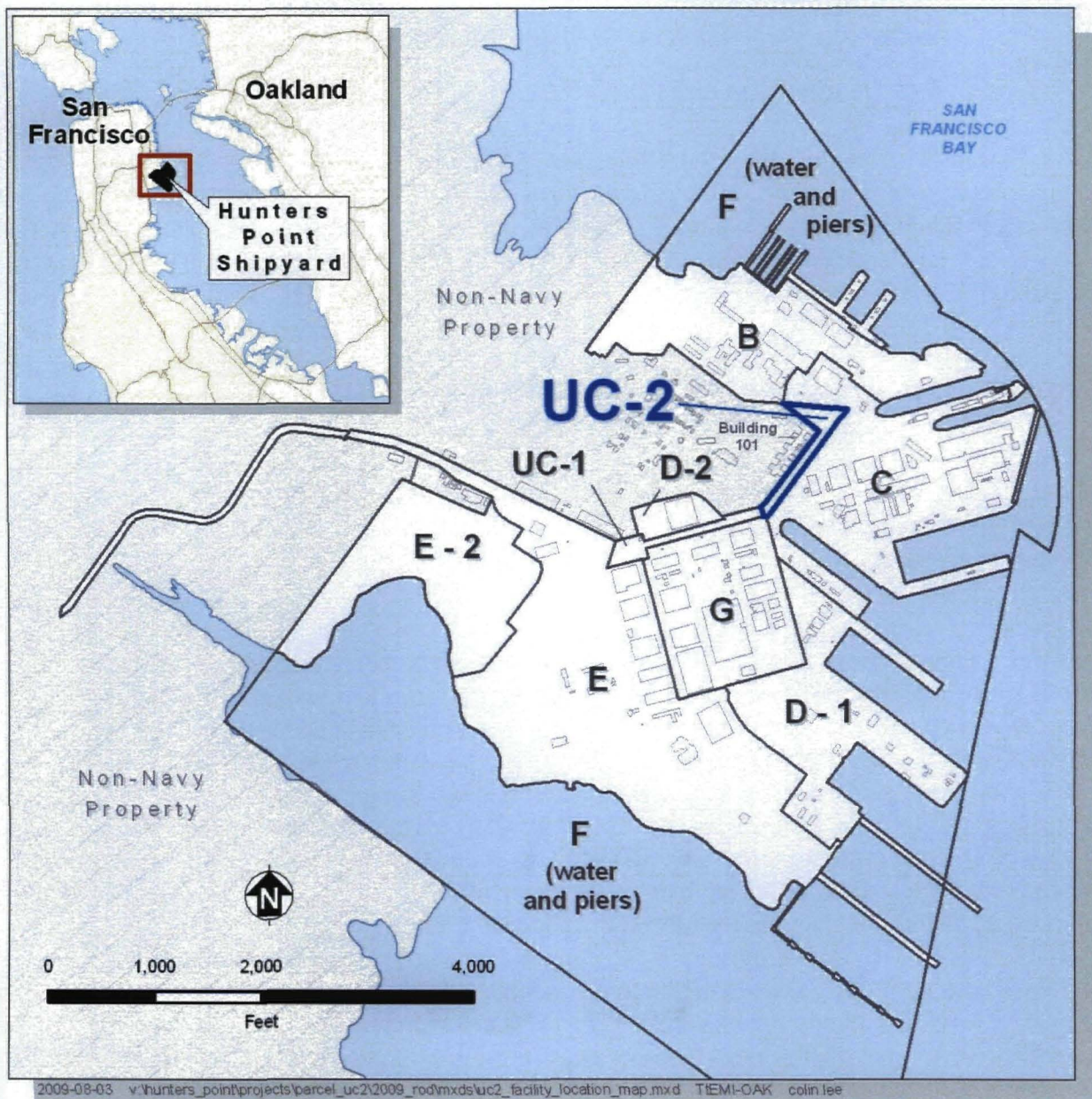
HPS property was included on the NPL in 1989 pursuant to CERCLA as amended by SARA because past shipyard operations left hazardous substances on site. In 1991, HPS was designated for closure pursuant to the Defense Base Closure and Realignment Act of 1990. Closure at HPS involves conducting environmental remediation and making the property available for nondefense use.

The former **Parcel C<sub>(1)</sub>** historically included about 79 acres in the central portion of the shipyard (see [Figure 1](#)), was formerly part of the industrial support area, and was used for shipping, ship repair, and office and commercial activities. Industrial support facilities for ship repair dominated the land use at the former Parcel C and included a foundry, a power plant, a sheet manufacturing shop, a paint shop, and various machine shops; 70 buildings are located within the boundaries of the former Parcel C. The docks at the former Parcel C were formerly part of the industrial production area. Portions of the former Parcel C were also used by NRDL. In 2002, the boundaries of Parcel B and C were redefined, and IR-06 and IR-25 became part of the former Parcel C. In 2009, the Navy divided the former Parcel C into new parcels: **Parcel UC-2<sub>(2)</sub>** and Parcel C. Parcel UC-2 was split from the former Parcel C because transfer of this property provides access to Fisher Avenue and the nearby utility corridor for redevelopment. Parcel UC-2 is about 3.9 acres (see [Figure 2](#)); the current Parcel C is not addressed in this ROD.

Historical use of the southern portion of Parcel UC-2 is as a roadway (Fisher Avenue) and the northern portion is as a triangularly shaped parking lot (at the corner of Fisher Avenue and Robinson Street) for Building 101. The roadway was constructed by placing borrowed fill, and the parking lot is located on the original promontory with native soil over shallow bedrock. These features apply to most of the parcel, with a limited amount of property directly adjacent to them; there are no buildings. Along the western side of Fisher Avenue is a sharp rise of 5 to 15 feet that is vegetated with ice plant and annual grass.

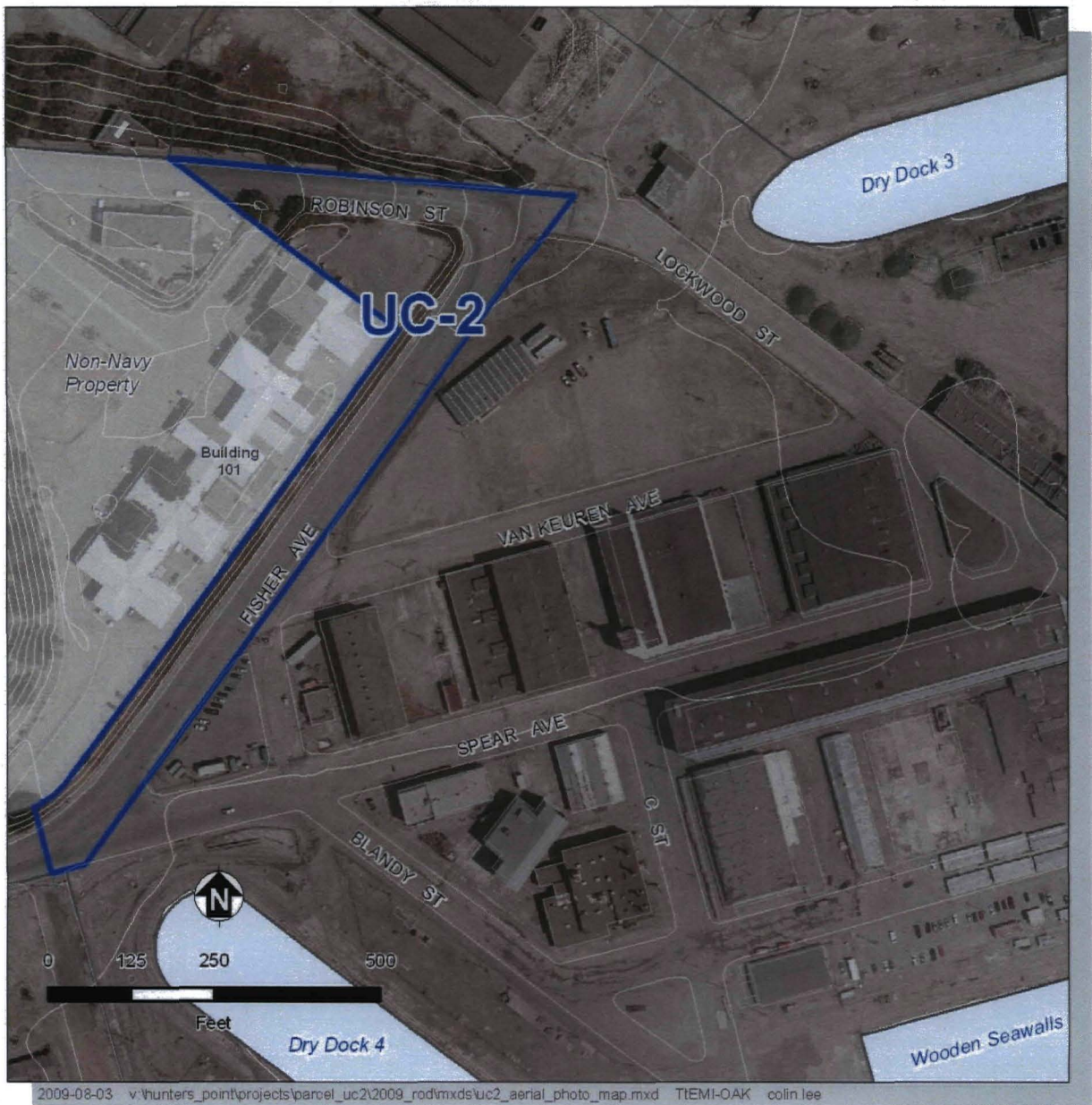
The storm drains and sanitary sewers in Parcel UC-2 are considered radiologically impacted because operations at HPS resulted in the disposal of radioactive materials through these systems. These wastes included materials from ship and personnel decontamination, fallout samples, and radioactive materials from refurbishment of radioluminescent devices, including radium-bearing paint.





**Figure 1. Facility Location Map with the Boundary of Parcel UC-2**

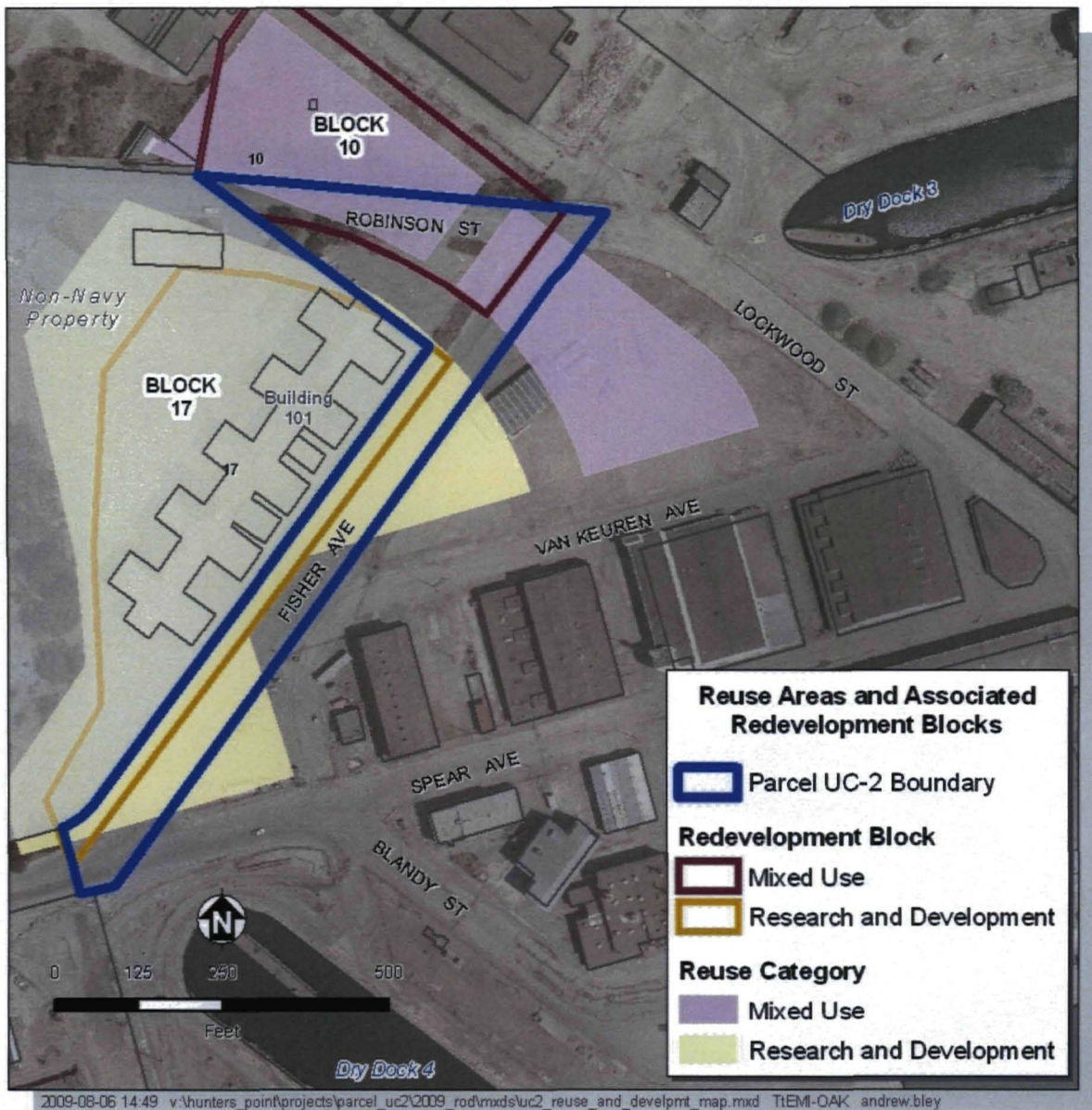




**Figure 2. Parcel UC-2 Location Map**

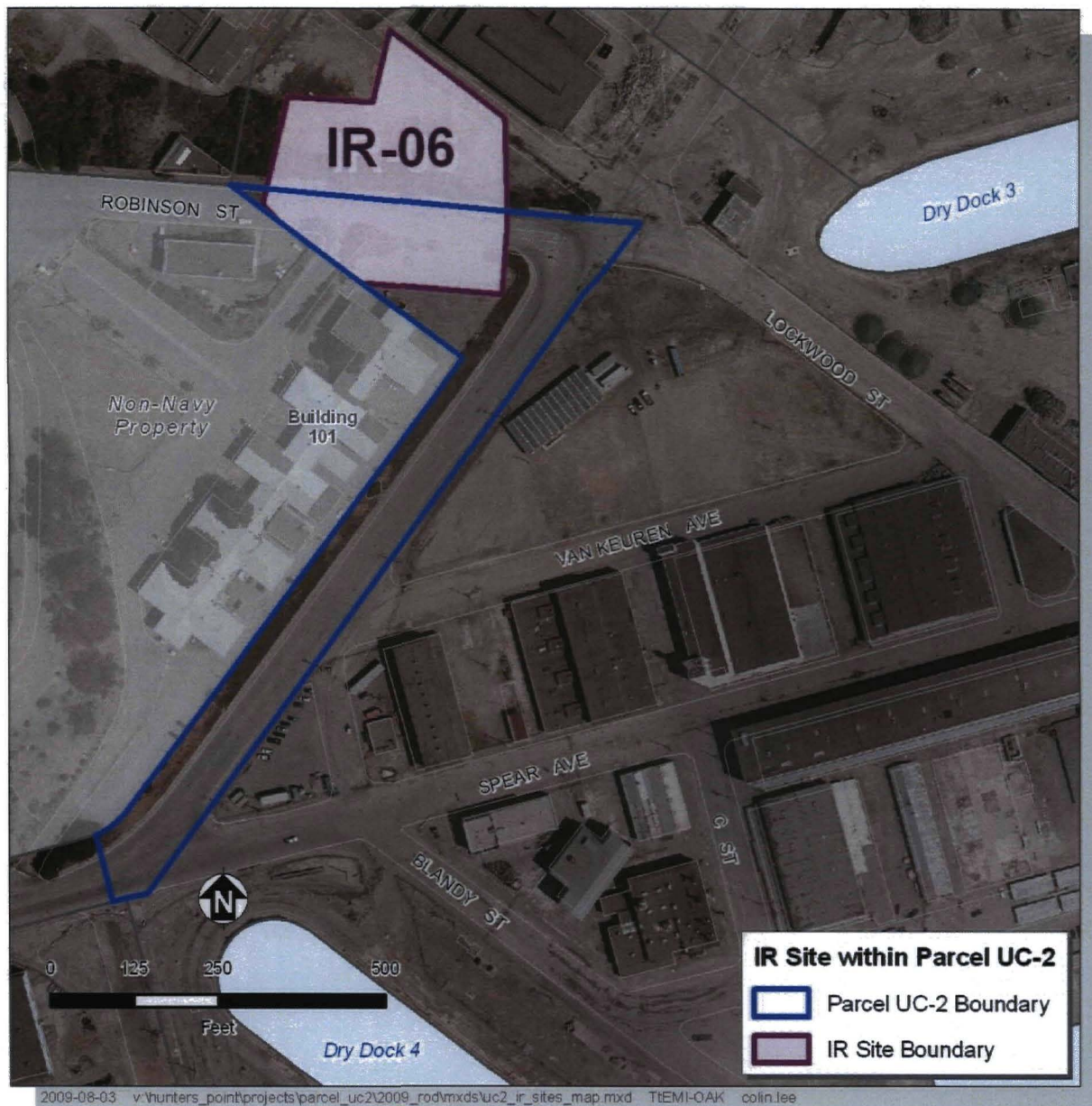
The original redevelopment plan developed by the San Francisco Redevelopment Agency in 1997 divided Parcel UC-2 into reuse areas. The reuse areas include mixed use and research and development. The area was divided into redevelopment blocks to facilitate discussion of all areas of the parcel in the context of contamination and cleanup issues. As shown in [Figure 3](#), the redevelopment blocks (and associated reuses) for Parcel UC-2 are 10 (mixed use) and 17 (research and development); unlabelled areas are planned future roads. [Figure 4](#) shows IR-06, the only **IR site<sub>(3)</sub>** that is within Parcel UC-2. The IR-06 plume that crosses into Parcel UC-2 primarily contains low-level carbon tetrachloride; carbon tetrachloride has not been consistently detected in any other area of IR-06 and does not have an identified source.





**Figure 3. Reuse Areas and Associated Redevelopment Blocks**





**Figure 4. IR Site within Parcel UC-2**

## 2.2 SITE CHARACTERISTICS

The northern and western portions of Parcel UC-2 consist of the original promontory, with native soil over shallow bedrock, while the eastern portion of Parcel UC-2 consists of flat lowlands. The lowlands were constructed by placing borrowed fill material from various sources, including crushed serpentinite bedrock from the adjacent highland. Most surface elevations in Parcel UC-2 are between 5 to 15 feet above mean sea level (msl), although surface elevations in the northern portion are 20 to 30 feet above msl. The serpentinite bedrock and serpentine bedrock-derived fill material consist of minerals that naturally contain asbestos and relatively high concentrations of arsenic, manganese, nickel, and other metals.



The **hydrostratigraphic units**<sup>(4)</sup> present at Parcel UC-2 include the shallow A-aquifer and an upper bedrock water-bearing zone. The B-aquifer is not present at Parcel UC-2. The shallow A-aquifer at Parcel UC-2 exists primarily within the shallow bedrock. The A-aquifer at Parcel UC-2 is expected to occur between 17.5 feet above msl at the northern end of the parcel, down to 2 feet above msl at the southern end of the parcel. These groundwater elevations are largely inferred from wells surrounding Parcel UC-2 and the topography of the area. Groundwater in the A-aquifer is not suitable as a potential source of **drinking water**<sup>(5)</sup>.

The general pattern of groundwater flow is radially away from the former Parcel A topographic high (west of Parcel UC-2) and toward the shoreline. At Parcel UC-2, the general direction of groundwater flow is to the east, where groundwater discharges into the San Francisco Bay. Leaking storm drains, sewer lines, and water supply lines also influence groundwater movement across the former Parcel C. The principal sources of groundwater recharge for the A-aquifer at the former Parcel C are considered to be the horizontal flow from areas upgradient of Parcel UC-2, precipitation infiltration, and leaking sections of water lines. Discharge from the A-aquifer occurs principally as lateral flow of groundwater to the San Francisco Bay at the shore or through leaking utility corridors.

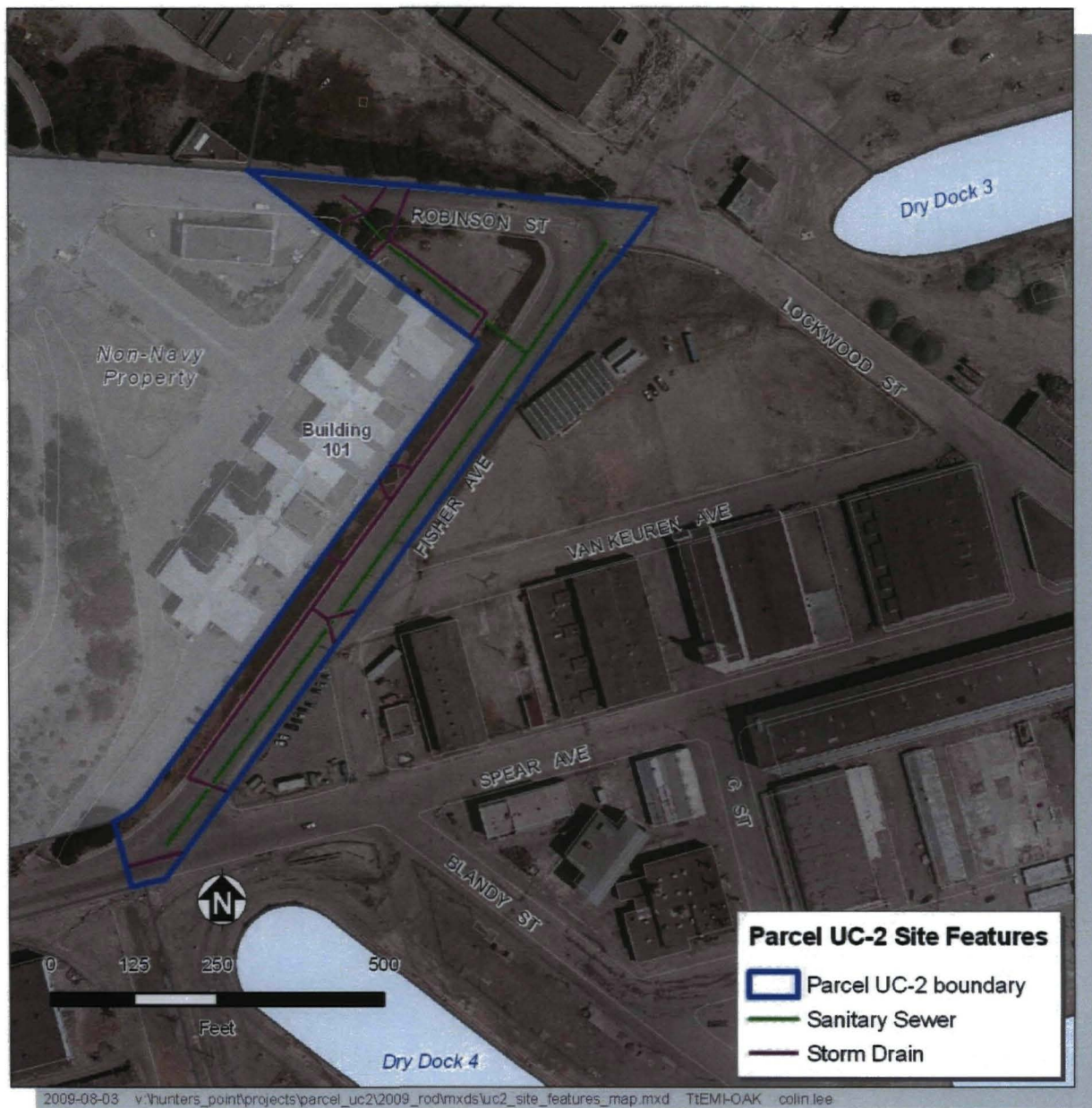
**Parcel UC-2 ecology**<sup>(6)</sup> is limited to those plant and animal species adapted to the industrial environment. The majority of Parcel UC-2 is covered by pavement and with little open space for flora and fauna; therefore, Parcel UC-2 has little habitat value for terrestrial ecological receptors. No threatened or endangered species are known to inhabit Parcel UC-2 or its immediate vicinity.

Although Parcel UC-2 fuel and steam lines were removed or closed in 2002, the storm drains and sanitary sewer lines beneath the parcel remain key site characteristics (**Figure 5**). Survey and removal of the Parcel UC-2 storm drain and sanitary sewer lines were completed in early October 2009. The draft radiological survey unit report is planned for early spring in 2010.

## **2.3 PREVIOUS INVESTIGATIONS**

Potential contamination at Parcel UC-2 is associated with metals in soil, VOCs in groundwater, and radiologically impacted structures (storm drains and sanitary sewers), and soil associated with these structures. Assessment of contamination and risk for Parcel UC-2 is based on the Final FS Report for Parcel C (July 31, 2008), including the revised human health risk assessment (HHRA), and the radiological addendum to the FS Report (June 20, 2008). The Final FS Report for Parcel C considered new information associated with an interim removal action and groundwater data gaps investigation conducted at the former Parcel C. Both the FS and HHRA are detailed in the Final FS Report for Parcel C. The FS Report and radiological addendum summarize the most recent information available on Parcel UC-2 and provide the basis for the ROD for Parcel UC-2. **Table 1** summarizes the previous studies, investigations, and removal actions conducted at the Parcel UC-2.





**Figure 5. Parcel UC-2 Site Features**



**TABLE 1: PREVIOUS INVESTIGATIONS AND REMOVAL ACTIONS**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Previous Investigation/ Removal Action <sup>a</sup>	Date	Investigation/Removal Action Activities
<b>Investigations and Studies</b>		
Preliminary Assessment (PA)	1984-1990	The 1990 PA for the former Parcel C, including Parcel UC-2, involved record searches, on-site surveys, interviews, and limited field investigations. The PA report concluded that portions of former Parcel C (including IR-06, which partially overlays Parcel UC-2) warranted further investigation because of the potential for contamination of soil and groundwater from past site activities.
Site Inspection (SI)	1994	The SI evaluated whether contamination was present and whether a release to the environment had occurred, evaluated each site for inclusion in the IR program, and eliminated sites that posed no significant threats to public health or the environment. Additional field data were collected, including geophysical surveys of suspected subsurface fuel lines; collection of soil and groundwater samples from borings; installation of monitoring wells and collection of groundwater samples; collection of shallow soil samples; trenching, mapping, inspection, and sample collection from the steam lines and sanitary sewers; video surveys of the sanitary sewers; and sump and floor scrape sampling. Soil and groundwater samples were collected in areas adjacent to the current Parcel UC-2 boundary, but no soil or groundwater samples were collected within the current UC-2 boundary at the SI stage. Based on the results of the SI, nine sites (including IR-06, which partially overlays Parcel UC-2) were recommended for inclusion in RI activities.
Remedial Investigation	1993-1997	Site conditions were further assessed: literature searches; interviews with former on-site employees; geophysical, radiological, and aerial map surveys; installation of soil borings and monitoring wells; aquifer testing; indoor air testing; and storm drain inspection. Soil and groundwater samples were collected in areas adjacent to the current Parcel UC-2 boundary, but no soil or groundwater samples were collected within the current UC-2 boundary at the RI stage. The following <b>samples<sub>(7)</sub></b> were collected at IR-06, which partially overlays Parcel UC-2: 232 soil and 224 groundwater samples. Samples were analyzed for one or a combination of the following chemicals: metals, VOCs, semivolatile organic compounds, pesticides, polychlorinated biphenyls, and petroleum-related products. Removal actions were conducted, including aboveground storage tanks, tank farm, sandblast grit, and storm drain sediment, as well as asbestos and lead abatement. Based on the RI results, the 12 sites (including IR-06, which partially overlays Parcel UC-2) were recommended for further evaluation in an FS.

**TABLE 1: PREVIOUS INVESTIGATIONS AND REMOVAL ACTIONS (CONTINUED)**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Previous Investigation/ Removal Action <sup>a</sup>	Date	Investigation/Removal Action Activities
<b>Investigations and Studies (Continued)</b>		
Feasibility Study – Initial Phase	1996-1998	<p>Results and analyses in the RI Report were used to identify, screen, and evaluate remedial alternatives and to define areas for proposed remedial action. Three different cleanup scenarios and associated cleanup goals were considered: cleanup to the industrial land use scenario (<math>10^{-5}</math> excess lifetime cancer risk [ELCR]); cleanup to the industrial land use scenario (<math>10^{-6}</math> ELCR); and cleanup to the residential land use scenario (<math>10^{-6}</math> ELCR). Each scenario also considered cleanup of soils representing a hazard index (HI) greater than 1 and lead concentrations greater than 1,000 milligrams per kilogram (mg/kg).</p> <p>Areas exceeding different cleanup goals for each reuse scenario and cleanup level were delineated, risk drivers were identified, and the extent of the cleanup areas was defined. Five IR sites and parts of two additional IR sites had cleanup areas based on residential use (including IR-06, which partially overlays Parcel UC-2), one IR site and parts of two more IR sites had cleanup areas based on industrial use, and one IR site and parts of two more IR sites had areas based on recreational use. All soil cleanup areas exceeding at least one of the various cleanup criteria under each reuse scenario were identified.</p>
Risk Management Review (RMR) Process	1999	<p>The RMR process was developed and conducted during a series of meetings held by the Navy and the regulatory agencies from January through April 1999. The process used various criteria and decision rules to reevaluate whether remedial actions were required at all of the 14 IR sites in former Parcel C that were originally identified as requiring remedial actions for soil. Of the 14 IR sites (including IR-06 which partially overlays Parcel UC-2), six were recommended for action after the RMR process. After the review had been completed, all sites fell into one of the following three categories: (1) sites where the team agreed no response action was required, (2) sites where the team agreed response action was required, and (3) sites where the team did not yet agree on the course of action. Based on the <b>RMR results</b><sub>(8)</sub>, the sites and chemicals requiring further evaluation and remedial action were revised.</p>
Groundwater Data Gaps Investigation	2002-2008	<p>A data gaps investigation (including IR-06, which partially overlays Parcel UC-2) was completed to provide additional understanding of the groundwater conditions underlying the parcel. To better define the vertical and horizontal extent of plumes, 17 monitoring wells were installed and groundwater samples were collected from these wells and 120 additional monitoring wells. Groundwater levels in 73 monitoring wells were measured, aquifer testing was conducted, and tidal influence and mixing studies were completed to better understand the groundwater conceptual model. Specifically, Parcel UC-2 monitoring wells IR06MW54F, IR06MW55F, IR06MW57F, and IR06MW58F were monitored as part of this investigation.</p>

**TABLE 1: PREVIOUS INVESTIGATIONS AND REMOVAL ACTIONS (CONTINUED)**  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Previous Investigation/ Removal Action <sup>a</sup>	Date	Investigation/Removal Action Activities
<b>Investigations and Studies (Continued)</b>		
Historical Radiological Assessment (HRA)	2004	The HRA evaluated and designated sites as radiologically <b>impacted or non-impacted</b> <sub>(9)</sub> . A radiologically impacted site is one that has the potential for radioactive contamination based on historical information, or is known to contain or have contained radioactive contamination. A non-impacted site is one, based on historical documentation or results of previous radiological survey information, where there is no reasonable possibility for residual radioactive contamination. Based on the results of the assessment, the storm drains and sanitary sewers at Parcel UC-2 have a potential for radiological contamination, and further investigation is required.
Feasibility Study – Revised	2008	Existing RI data were combined with new data collected after the RI Reports had been completed. The revised FS considered new information associated with several cleanup actions completed within former Parcel C and at other adjacent parcels at HPS. New information considered and incorporated into the revised FS (including IR-06, which partially overlays Parcel UC-2) included (1) quarterly monitoring of groundwater, (2) updates to toxicity criteria used in the 1997 HHRA, and (3) the findings from removal actions conducted to address chemicals identified by the RMR process and radiological contaminants that were identified by the HRA.  Data were summarized and evaluated to refine the site conceptual model, further define the nature and extent of contamination, assess potential risks based on existing site conditions, and develop and evaluate revised alternatives. Data evaluation included (1) a comparison of new and existing data with updated screening criteria, (2) a revised evaluation of groundwater beneficial uses and exposure pathways, and (3) a revised assessment of potential risk posed by exposure to soil and groundwater at former Parcel C. Revised remedial action objectives (RAO) were developed, which included a risk range rather than specific concentrations for contaminants. Remedial alternatives were developed and a detailed and comparative analysis of alternatives was performed.
Radiological Addendum	2008	The primary purpose of this addendum was to provide decision makers with the information necessary to select a final remedy for radiologically impacted buildings, former building sites, outdoor areas, and soils and piping associated with remediated storm drains and sanitary sewers (including those storm drains and sanitary sewers in Parcel UC-2). This information was obtained by developing and evaluating appropriate remedial alternatives. Two remedial alternatives were identified after the screening of general response actions (GRA) and process options: no action, and a combination of surveys, decontamination, excavation, disposal, and release. The two alternatives were analyzed against the nine CERCLA evaluation criteria and against each other.



**TABLE 1: PREVIOUS INVESTIGATIONS AND REMOVAL ACTIONS (CONTINUED)**  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Previous Investigation/ Removal Action <sup>a</sup>	Date	Investigation/Removal Action Activities
<b>Investigations and Studies (Continued)</b>		
Proposed Plan	2009	The Proposed Plan invited the public to review and comment on the Preferred Alternatives for addressing environmental contamination at Parcel UC-2 and the current Parcel C before the final remedy was selected.
<b>Removal Actions</b>		
Removal Action Tank Farm (IR-06)	1990-1993	Ten aboveground storage tanks and associated piping were removed at IR-06, which partially overlays Parcel UC-2. The tanks ranged in size from 12,000 gallons to 2,100,000 gallons and contained diesel fuel, lube oil and solvents.
Storm Drain Sediment Removal	1996-1997	As part of a base-wide removal action, sediments in storm drain lines were removed at Parcel UC-2.
Parcel B Remedial Action (IR-06)	1997-1998	Soil was removed at 19 excavation sites at IR-06, which partially overlays Parcel UC-2. The excavations were sampled and the sites were backfilled.
Facility-Wide Exploratory Excavations	1997-1999	Soil was removed at 18 sites facility-wide, including IR-06, which partially overlays Parcel UC-2. The excavations were sampled, and the sites were backfilled.
Parcel B Remedial Action – Addendum	2000-2001	An industrial drain line between Buildings 123 and 134 (in IR-06, which partially overlays Parcel UC-2) was excavated. About 2,050 cubic yards (cy) of soil was removed, the excavation was sampled, and the site was backfilled.
Parcel B Storm Drain and Sanitary Sewer Removal Action	2008	A total of 1,892 linear feet of pipeline was removed at IR-06 (which partially overlays Parcel UC-2) and IR-25. About 3,086 cy of material was removed. The concrete, clay, and cement pipelines were tested for radiological contamination and disposed of appropriately off site.

Note:

a The documents listed are available in the administrative record and provide detailed information used to support remedy selection at Parcel UC-2.

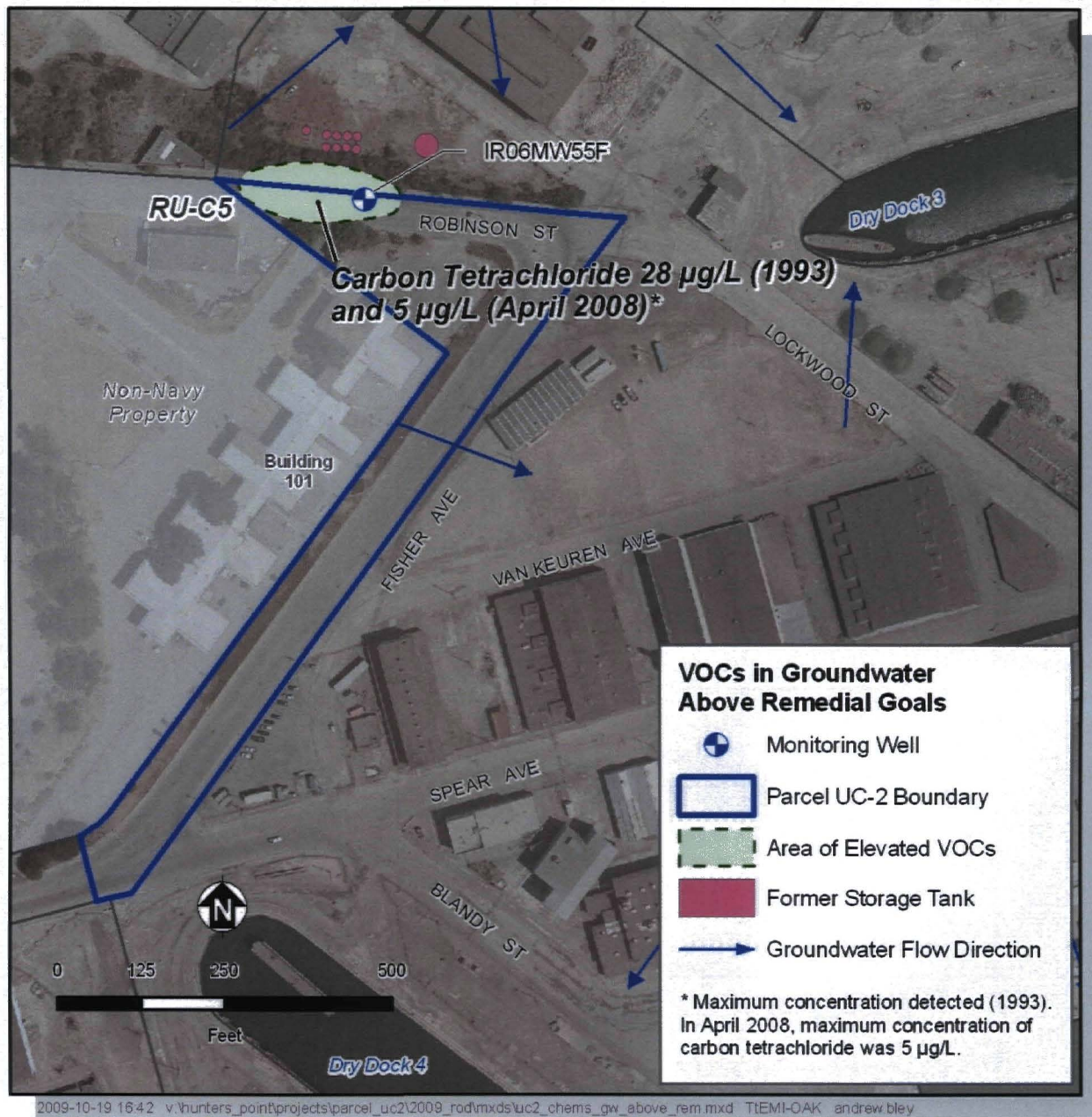
Because no known sources of chemical contamination are in Parcel UC-2 soil, no soil samples were collected. The Final FS Report for Parcel C concluded that soil conditions in the Parcel UC-2 area can be represented by Hunters Point ambient levels (HPAL). Therefore, the predominant chemicals of concern in Parcel UC-2 soil are **metals**<sub>(10)</sub>. Elevated concentrations of metals such as arsenic, manganese, and nickel are expected for fill material derived from quarried bedrock that was used to build the shipyard in the 1940s. The final Parcel C FS also recommended applying the cover alternative parcel-wide because of the ubiquity of metals at concentrations that exceed remediation goals throughout the former Parcel C, including Parcel UC-2.

The only groundwater remedial unit (RU) at Parcel UC-2 is a portion of RU-C5 (Figure 6). The predominant chemicals present in Parcel UC-2 groundwater, based on this portion of RU-C5, are **VOCs**<sub>(11)</sub>, and specifically carbon tetrachloride. The highest concentration of carbon tetrachloride that has been detected in groundwater samples from Parcel UC-2 is 28 micrograms per liter ( $\mu\text{g/L}$ ) in 1993 from a well that is located in the eastern portion of IR-06. In 2007 and 2008, detections of carbon tetrachloride in this area were between 1 and 5  $\mu\text{g/L}$ . The estimated areal extent of carbon tetrachloride in groundwater at Parcel UC-2, and the well with the highest detection of carbon tetrachloride, is shown on Figure 6.

The Navy identified **radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures**<sub>(12)</sub>, including infrastructure at Parcel UC-2 associated with the former use of general radioactive materials and decontamination of ships used during the 1946 atomic weapons testing in the South Pacific. Although there are no radiologically impacted buildings, there are radiologically impacted storm drains and sanitary sewers in Parcel UC-2 (Figure 7). The Navy decided to conduct a time-critical removal action (TCRA) to address potential radioactive contamination in storm drains and sanitary sewers at Parcel UC-2. The TCRA at Parcel UC-2 involved (1) excavating radiologically impacted storm drain and sanitary sewer lines; and (2) screening, separating, and disposing of radioactively contaminated excavated materials at an off-site, low-level radioactive waste facility. Survey and removal of the Parcel UC-2 storm drain and sanitary sewer lines were completed in early October 2009. The draft radiological survey unit report is planned for early spring in 2010. Although the TCRA may not be completed by the time the ROD is signed, the TCRA is intended to achieve cleanup goals that are identical to the RAOs identified in this ROD. In the event that the TCRA does not achieve its cleanup goals, cleanup will continue in accordance with the remedial action selected in this ROD until the RAOs are achieved.

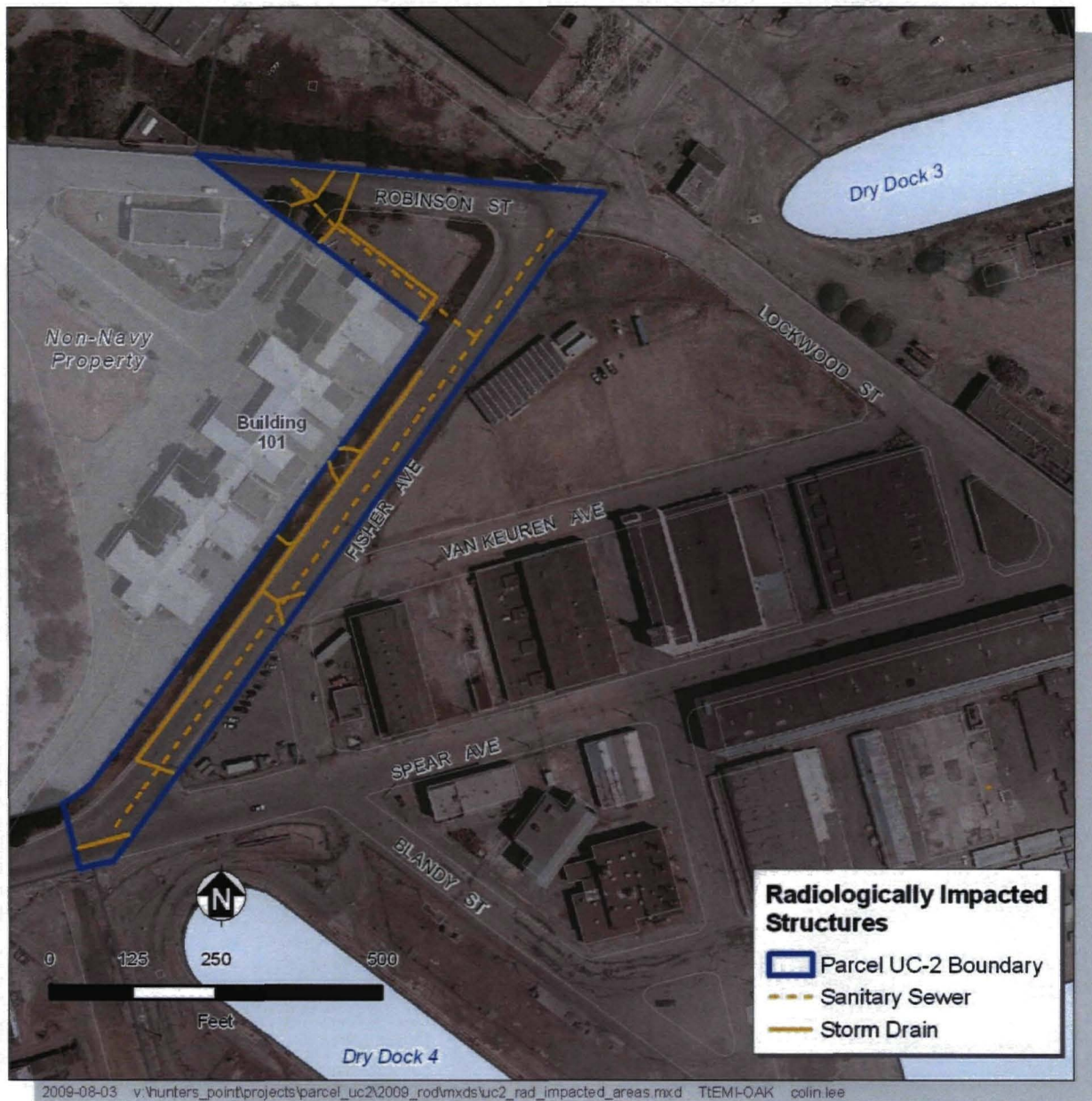
## **2.4 CURRENT AND POTENTIAL FUTURE SITE USES**

The Parcel UC-2 **reuses**<sub>(13)</sub> (**mixed-use and research and development**) specified in the San Francisco Redevelopment Agency's 1997 reuse plan were evaluated for the residential exposure scenario. The groundwater in the A-aquifer, as discussed in the revised FS, is not suitable for use as drinking water. Additionally, drinking water standards do not apply to the A-aquifer or the upper bedrock water bearing zone when it is the uppermost groundwater unit. Exposures to the A-aquifer were evaluated based on indoor air inhalation and transport to the San Francisco Bay.



**Figure 6. VOCs in Groundwater Above Remedial Goals**





**Figure 7. Radiologically Impacted Structures (Storm Drains and Sanitary Sewers)**



## 2.5

## SUMMARY OF SITE RISKS

The source of potential contamination at Parcel UC-2 is attributed to industrial and radiological research activities by the Navy or other tenants, and to several metals, such as arsenic, manganese, and nickel, expected at ambient concentrations in the local serpentine bedrock. The primary fate and transport mechanisms include volatilization, wind suspension, migration of contaminants via infiltration and percolation into subsurface soil and groundwater, transport and discharge of metals in groundwater to the San Francisco Bay, and root uptake. A general conceptual site model (CSM) for Parcel UC-2 is provided on [Figure 8](#). Based on the CSM, Parcel UC-2 was evaluated for potential risks to human health and the environment in the Revised FS Report and its radiological addendum. The risk assessment results can be applied by focusing on the redevelopment blocks within the parcel. Results of the HHRA are presented in [Section 2.5.1](#).

During the RI, the Navy concluded that limited viable habitat is available for terrestrial wildlife at Parcel UC-2 because the majority of the site is covered with pavement. Therefore, ecological risk associated with exposure to soil was not evaluated further. Furthermore, even if the future reuse of Parcel UC-2 were to change to open space/recreational, soil covers would protect terrestrial wildlife from risks posed by exposure to contaminants left below the cover. A screening evaluation of groundwater was conducted in the revised Final FS Report to evaluate potential risks to aquatic wildlife in San Francisco Bay. Results of that evaluation are summarized in [Section 2.5.2](#).

### 2.5.1

### Human Health Risk Assessment

Based on a [human health CSM<sub>\(14\)</sub>](#), a quantitative [HHRA<sub>\(15\)</sub>](#) was completed for former Parcel C for exposure to surface soil, subsurface soil, groundwater, and vapor intrusion via groundwater. Potential [cancer risks and noncancer hazards<sub>\(16\)</sub>](#) were calculated based on reasonable maximum exposure (RME) assumptions recommended by EPA and DTSC. These assumptions are based on an RME rather than an average or medium-range exposure assumption and provide a conservative and protective approach that estimates the highest health risks that are reasonably expected to occur at a site. Actual risks from exposures to chemicals in soil and groundwater at Parcel UC-2 are likely to be lower.

To assess risk, the Base Realignment and Closure Cleanup Team agreed to divide all of HPS into two types of exposure areas (residential and industrial grids) as a method of statistically calculating risk within an area for various future land use scenarios based on RME. The final FS used these exposure areas and the redevelopment blocks as the basis for evaluating the results of the HHRA and developing remedial alternatives to address potential unacceptable risk at Parcel UC-2.

To help characterize cancer risk, the Navy adopted a conservative approach at Parcel UC-2 and evaluated action for risks greater than  $10^{-6}$ . Acceptable exposure levels for known or suspected carcinogens are generally concentration levels that represent an excess upper-bound lifetime cancer risk to an individual between  $10^{-4}$  (a 1 in 10,000 chance of developing cancer) and  $10^{-6}$  (a 1 in 1,000,000 chance of developing cancer) using information on the relationship between dose and response. The  $10^{-6}$  risk level is used as the point of departure for establishing cleanup goals for alternatives when applicable or relevant and appropriate requirements (ARAR) are not available or are not sufficiently protective because of the presence of multiple contaminants at a site or multiple pathways of exposure.





#### Future Construction Worker

Exposure to subsurface soil via incidental ingestion, dermal contact, exposure to A-aquifer groundwater via inhalation and dermal contact; exposure to external radiation and re-suspended contaminated dust from radiologically impacted sewer and storm drains.



#### Future Resident

Exposure to surface and subsurface soil via incidental ingestion, dermal contact, inhalation, and ingestion of homegrown produce; inhalation exposure to A-aquifer groundwater via vapor intrusion; exposure to external radiation and re-suspended contaminated dust from radiologically impacted sewer and storm drains.

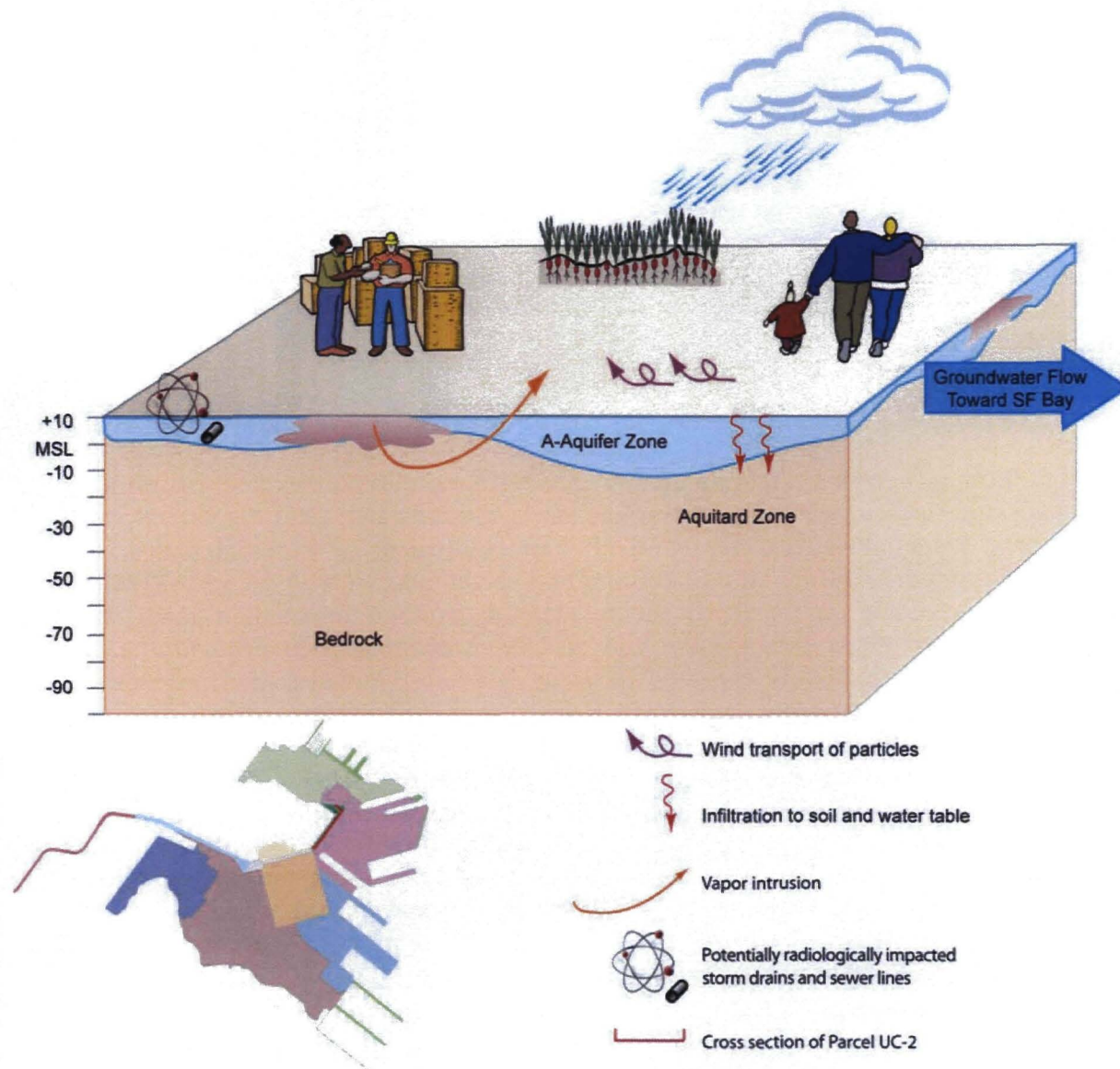


Figure 8. Conceptual Site Model

Both **total and incremental risks**<sub>(17)</sub> were evaluated for exposure to soil. All detected chemicals, including naturally occurring metals from the serpentine bedrock-derived fill material, were included as chemicals of potential concern for the total risk evaluation, regardless of their concentration. Only the essential nutrients calcium, magnesium, potassium, and sodium were not included as chemicals of potential concern. The total risk evaluation estimates the risks posed by chemicals at the site, including those present at concentrations at or below ambient levels. The essential nutrients were excluded as chemicals of potential concern in soil for the incremental risk evaluation, as well as the detected metals with maximum measured concentrations below the HPAL. The incremental risk evaluation estimates risks posed by metals present at the site that are above the estimated ambient levels.

Potential unacceptable risks include cancer risks and noncancer hazards for future receptors from exposure to soil or groundwater, as discussed below. Potential unacceptable risk is defined as an ELCR of greater than  $10^{-6}$  or a segregated hazard index (HI) greater than 1, as calculated by the incremental risk evaluation.

The CERCLA process did not identify specific impacts to soil in Parcel UC-2. However, elevated concentrations of metals such as arsenic and manganese are found in soil at HPS and may be related to the bedrock fill quarried to build the shipyard in the 1940s. At ambient concentrations (that is, HPALs), some metals at HPS are associated with cancer risks in excess of  $10^{-6}$  and noncancer hazards in excess of 1.0. For example, the cancer risk associated with residential exposure to arsenic at a concentration equal to the HPAL for arsenic (11.1 mg/kg) is  $2.9 \times 10^{-4}$ . The HI associated with residential exposure to manganese at a concentration equal to the HPAL for manganese (1,431 mg/kg) is 1.7. Collectively, all metals at ambient levels contribute to a cancer risk of  $3 \times 10^{-4}$  for a resident and of  $3 \times 10^{-5}$  for industrial workers and recreators. For noncancer hazards, metals at ambient levels collectively contribute to an HI of 11 for residents, 0.2 for industrial workers, and 0.7 for recreators. Although no soil data were collected within Parcel UC-2, some of the risk grids for the construction worker include the northern border of Parcel UC-2. Based on the **revised HHRA results**<sub>(18)</sub> for soil, these chemical cancer risks are estimated to be greater than  $10^{-6}$  (see Table 2). Potential cancer risks from soil are based on ingestion or contact with arsenic and radionuclides.

The risk assessment for groundwater estimated cancer risk greater than  $10^{-6}$  and a noncancer hazard greater than 1 in the portion of redevelopment block 10 that intersects Parcel UC-2 (see Table 2). Potential risks from groundwater are based on breathing VOC vapors in indoor air that may have migrated through the subsurface from groundwater in the A-aquifer. The primary COC in groundwater from the vapor intrusion pathway is carbon tetrachloride. In addition, the HHRA results for groundwater show that the risk to the construction worker from exposure to the A-aquifer groundwater via dermal exposure and inhalation exceeds the cancer risk threshold of  $10^{-6}$  in areas with elevated concentrations of the COCs.

Additionally, **radiological risk**<sub>(19)</sub> was calculated based on estimated concentrations of radiological contamination at radiologically impacted sanitary sewer lines and storm drains, using remediation goals for each radionuclide of concern. Actual calculated risk will be based on field measurements after final status survey results have been received for each impacted site. **Combined chemical and radiological risk**<sub>(20)</sub> was also summed to estimate the overall potential risk to human health associated with a site.

The HHRA specifies the **assumptions and uncertainties**<sup>(21)</sup> inherent in the risk assessment process based on the number of samples collected or their location, the literature-based exposure and toxicity values used to calculate risk, and risk characterization across multiple media and exposure pathways. The effects of uncertainties are overestimation or underestimation of the actual cancer risk or HI. In general, the risk assessment process is based on the use of conservative (health-protective) assumptions that, when combined, are intended to overestimate the actual risk.

**TABLE 2: CANCER RISKS AND NONCANCER HAZARDS**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Redevelopment Block	Exposure Scenario	Cancer Risk <sup>a</sup>		Noncancer Hazard Index
		Chemical	Radiological <sup>b</sup>	
Soil				
10	Residential	Not quantified <sup>c</sup>	5 x 10 <sup>-5</sup>	Not quantified <sup>c</sup>
17	Residential	Not quantified <sup>c</sup>	5 x 10 <sup>-5</sup>	Not quantified <sup>c</sup>
10	Construction	4 x 10 <sup>-4</sup>	Not evaluated <sup>d</sup>	<1
17	Construction	Not quantified <sup>c</sup>	Not evaluated <sup>d</sup>	Not quantified <sup>c</sup>
Redevelopment Block	Exposure Scenario		Chemical Cancer Risk	Noncancer Hazard Index
A-Aquifer: Risk based on Vapor Intrusion				
10	Residential		6 x 10 <sup>-4</sup>	14

Notes:

- a Listed risk value is the maximum in the redevelopment block. The redevelopment block and associated reuse are based on the "Hunters Point Shipyard Redevelopment Plan." Reuse areas and development blocks may change in the future.
- b Maximum radiological risk is based on the sanitary sewers and storm drains within Parcel UC-2.
- c Although no soil data were collected within Parcel UC-2, elevated concentrations of metals such as arsenic and manganese are found in the soil at HPS.
- d The radiological risk assessment did not evaluate construction worker exposure but instead considered residential exposure as the most conservative (protective) scenario.

## 2.5.2 Ecological Risk Assessment

As previously stated, the Navy concluded during the RI that limited viable habitat is available for terrestrial wildlife at Parcel UC-2 because most of the site is covered with pavement. Specifically, the RI concludes that "Parcels C and D are almost entirely paved except for small pockets of vegetation which are not considered suitable habitat for animal life." Therefore, ecological risk associated with exposure to soil was not evaluated further in the Revised FS Report.



Chemicals present in the A-aquifer groundwater at Parcel UC-2 were evaluated to assess potential environmental impacts to the San Francisco Bay<sup>(22)</sup>. Based on the evaluation results, no chemicals were identified as ecological COCs in the A-aquifer at Parcel UC-2.

### 2.5.3 Basis for Response Action

The response action selected in this ROD is necessary to protect the public health, welfare, or the environment from actual or potential releases of hazardous substances into the environment. The Navy, in partnership with EPA, DTSC, and the Water Board, considered all pertinent factors in accordance with CERCLA and the NCP remedy selection criteria and concluded that remedial action is necessary to address soil<sup>(23)</sup>, groundwater<sup>(24)</sup>, and radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures<sup>(25)</sup> at Parcel UC-2. This determination was made because:

- Based on the limited HHRA results for soil and the general presence of artificial fill, chemical cancer risks are estimated to be greater than  $10^{-6}$  at Parcel UC-2 (see Table 2).
- Before the affected structures (storm drains and sanitary sewers) were removed, radiological risks for soil and structures (storm drains and sanitary sewers) were greater than  $10^{-6}$  across Parcel UC-2.
- Based on the general presence of artificial fill, the noncancer hazard is estimated to exceed 1 across Parcel UC-2.
- The risk assessment for groundwater estimated cancer risks greater than  $10^{-6}$  and noncancer hazards greater than 1 in the RU-C5 plume that intersects the northern border of Parcel UC-2.
- Potential risks from groundwater are based on breathing VOC vapors in indoor air that may have migrated through the subsurface from groundwater in the A-aquifer.
- HHRA results for groundwater show that the risk from exposure to the A-aquifer groundwater via dermal exposure and inhalation to the construction workers exceeds the cancer risk threshold of  $10^{-6}$  in areas with elevated concentrations of the COCs.

The concentrations of COCs for soil and groundwater that would require a response action are summarized in Table 3. **Radionuclides of concern**<sup>(26)</sup> for the sanitary sewers and storm drains are cesium-137, radium-226, and strontium-90. Figures 9 and 10 show the areas where remedial actions for soil and groundwater would occur.

**TABLE 3: CHEMICALS OF CONCERN IN SOIL AND GROUNDWATER REQUIRING A RESPONSE ACTION**  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Exposure Scenario <sup>a</sup>	Chemical of Concern	Maximum Detected Concentration
<b>Soil (mg/kg)</b>		
Residential	Arsenic	11.1 <sup>b</sup>
	Manganese	1,431 <sup>b</sup>
Construction Worker	Arsenic	11.1 <sup>b</sup>
	Manganese	1,431 <sup>b</sup>
<b>Groundwater (µg/L)</b>		
Residential – Vapor Intrusion (A-Aquifer)	Carbon Tetrachloride	28 <sup>c</sup>
	Chloroform	11 <sup>c</sup>
	Trichloroethene	14 <sup>c</sup>
Construction Worker (A-Aquifer)	Carbon Tetrachloride	28 <sup>c</sup>

Notes:

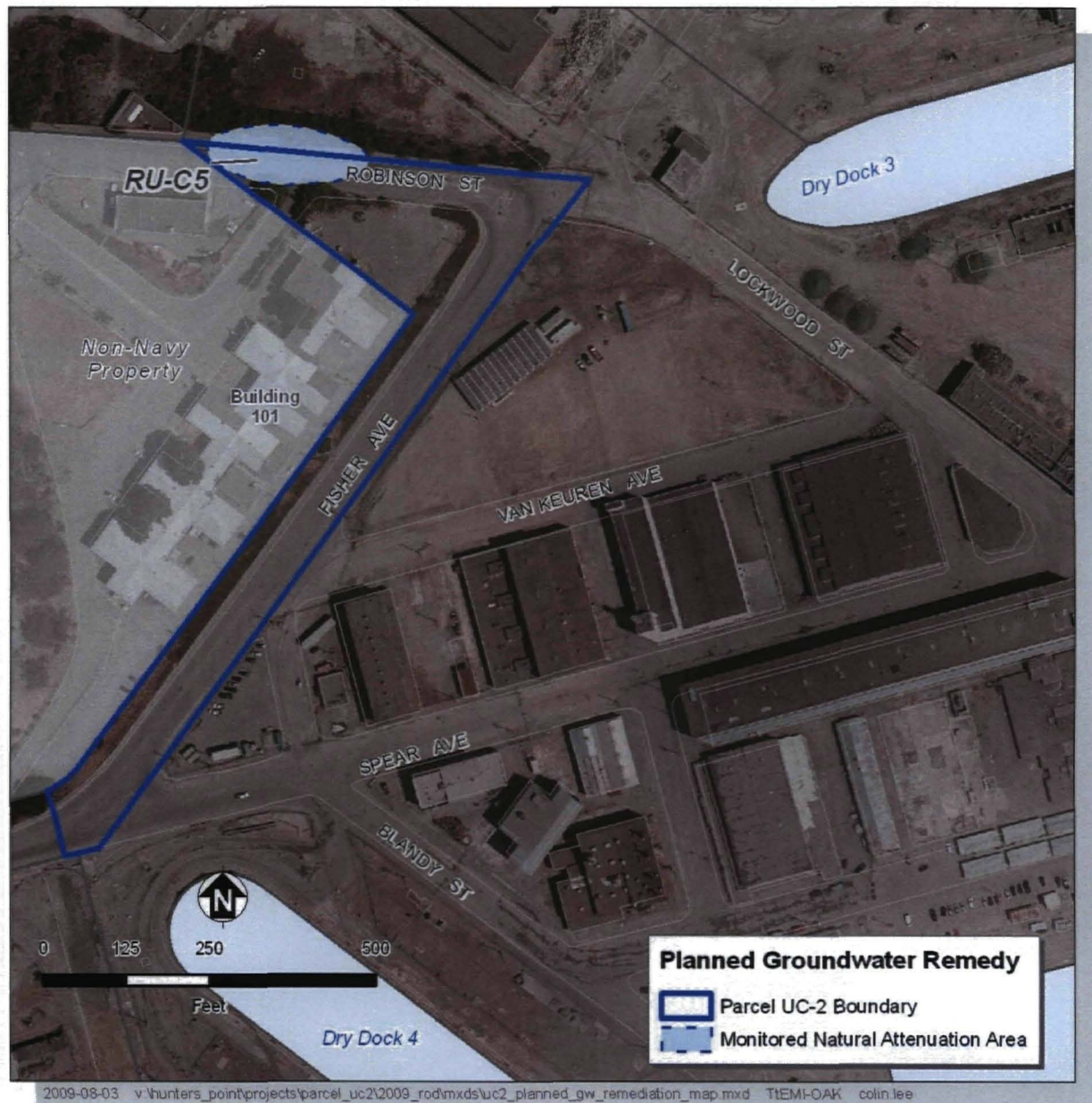
- a Exposures in the residential and construction worker scenarios consider exposure to soil from 0 to 10 feet below ground surface (bgs).
- b Although no soil data were collected within Parcel UC-2, soil conditions can be represented by Hunters Point ambient levels (HPAL), which indicate that elevated concentrations of metals such as arsenic (11.1 mg/kg) and manganese (1,431 mg/kg) are present.
- c Maximum concentrations in groundwater from the most recent groundwater monitoring event (April 2008) are as follows: carbon tetrachloride (5 µg/L), chloroform (2.5 µg/L), and trichloroethene (0.5 µg/L).

µg/L Micrograms per liter  
mg/kg Milligrams per kilogram



**Figure 9. Planned Surface Covers for the Soil Remedy**





**Figure 10. Planned Groundwater Remedy**

## 2.6

### PRINCIPAL THREAT WASTE

Although a remedial response action is necessary (Section 2.5.3), there are no wastes in Parcel UC-2 that constitute a "principal threat." Principal threat wastes are hazardous or highly toxic source materials that result in ongoing contamination to surrounding media, that generally cannot be reliably contained, or that present a significant risk to human health or the environment should exposure occur. Although elevated concentrations of some metals and radionuclides are present in soil and structures (storm drains and sanitary sewers), the potential risks do not suggest there is a principal threat waste in soil at Parcel UC-2. Contaminated groundwater is not generally considered source material unless it has the potential to be extremely mobile. Based on a review of the data, VOCs in groundwater at Parcel UC-2 appear to be somewhat stable, showing a minimal expansion of the associated plumes over time. In addition, a variety of processes occur in the subsurface that serve to reduce chemical concentrations in groundwater as groundwater migrates toward a discharge point such as the San Francisco Bay. These processes include hydrodynamic dispersion, sorption, chemical and biological transformation, dilution in the tidal mixing zone, and dilution on discharge to a surface water body. Therefore, VOCs (most significantly carbon tetrachloride) in groundwater at Parcel UC-2 are not considered a principal threat waste.

## 2.7

### REMEDIAL ACTION OBJECTIVES

Remedial action objectives (RAO)<sub>(27)</sub> are established based on attainment of regulatory requirements, standards, and guidance; contaminated media; COCs; potential receptors and exposure scenarios; and human health and ecological risks. Ultimately, the success of a remedial action is measured by its ability to meet the RAOs. Planned future land use is an important component in developing RAOs, and the RAOs for Parcel UC-2 are based on the San Francisco Redevelopment Agency's 1997 reuse plan. The RAOs for Parcel UC-2 were developed in conjunction with the regulatory agencies and are listed below by medium.

- **Soil RAOs:**

1. Prevent or minimize exposure to inorganic chemicals in soil at concentrations above remediation goals developed in the HHRA for the following exposure pathways:
  - (a) Ingestion of, outdoor inhalation of, and dermal exposure to surface and subsurface soil
  - (b) Ingestion of homegrown produce by residents in mixed-use and research and development blocks
2. Prevent or minimize exposure to VOCs in soil gas at concentrations that would pose unacceptable risk via indoor inhalation of vapors. Remediation goals for VOCs to address exposure via indoor inhalation of vapors may be superseded based on COC identification information from future soil gas surveys. Future action levels would be established for soil gas, would account for vapors from both soil and groundwater, and would be calculated based on a cumulative risk level of  $10^{-6}$  using the accepted methodology for risk assessments at HPS.

- **Groundwater RAOs:**

1. Prevent or minimize exposure to VOCs in the A-aquifer groundwater at concentrations above remediation goals via indoor inhalation of vapors from groundwater.
2. Prevent or minimize direct exposure to the groundwater that may contain COCs through the domestic use pathway (for example, drinking water or showering).
3. Prevent or minimize exposure of construction workers to VOCs in the A-aquifer groundwater at concentrations above remediation goals from dermal exposure and inhalation of vapors from groundwater.

- **Radiologically Impacted Structures (storm drains and sanitary sewers) and Soil (associated with these structures) RAOs:**

1. Prevent or minimize exposure to radionuclides of concern in concentrations that exceed remediation goals for all potentially complete exposure pathways (for example, external radiation, soil ingestion, and inhalation of resuspended radionuclides in soil or dust).

Remediation goals for soil and groundwater are listed in Table 4. Remediation goals for radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures are listed in Table 5.

**TABLE 4: REMEDIATION GOALS FOR SOIL AND GROUNDWATER**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Exposure Scenario <sup>a</sup>	Chemical of Concern	Remediation Goal / Basis <sup>b,c</sup>
<b>Soil<sup>d</sup></b>		
Residential	Arsenic	11.1 / HPAL
	Manganese	1,431 / HPAL
Construction Worker	Arsenic	11.1 / HPAL
	Manganese	6,900 / RBC
<b>Groundwater<sup>e</sup></b>		
Residential – Vapor Intrusion (A-Aquifer)	Carbon Tetrachloride	0.5 / PQL
	Chloroform	1.0 / PQL
	Trichloroethene	2.9 / RBC
Construction Worker (A-Aquifer)	Carbon Tetrachloride	15 / RBC

Notes:

- Exposures in the residential and construction worker scenarios consider exposure to soil from 0 to 10 feet below ground surface.
- Soil remediation goals are in milligrams per kilogram.
- Groundwater remediation goals are in micrograms per liter.
- Although no soil data were collected within Parcel UC-2, soil conditions can be represented by HPAL. Maximum concentrations of metals such as arsenic and manganese are expected to exceed the soil remediation goal.
- Remediation goals for volatile organic compounds to address exposure via indoor inhalation of vapors may be superseded based on chemicals of concern identification information from future soil gas surveys. These future action levels would be established for soil gas, would account for vapors from both soil and groundwater, and would be calculated based on a cumulative risk level of  $10^{-6}$  using the accepted methodology for risk assessments at the HPS.

PQL Practical quantitation limit

RBC Risk-based concentration

**TABLE 5: REMEDIATION GOALS FOR RADIONUCLIDES**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Radionuclide <sup>a</sup>	Surfaces (dpm/100 cm <sup>2</sup> )		Soil (pCi/g) <sup>d</sup>	Water (pCi/L)
	Equipment and Waste <sup>b</sup>	Structures <sup>c</sup>		
Cesium-137	5,000	5,000	0.113	119
Radium-226	100	100	1 <sup>e</sup>	5
Strontium-90	1,000	1,000	0.331	8

Notes:

- a Unless otherwise stated, the radiological remediation goals in this table are based on total activity per sample including the background.
- b Limits for removable surface activity are 20 percent of these values.
- c Structures consist of storm drains and sanitary sewers. Remediation goals are consistent with those issued in the Radiological TCRA Action Memorandum. Remediation goals meet the 25 mrem/yr residual dose level consistent with 10 CFR Section 20.1402. Furthermore, goals meet the 15 mrem/yr residual dose level for most radionuclides of concern, consistent with the 1997 EPA OSWER Directive (OSWER No. 9200.4-18).
- d All radiologically impacted soils will be remediated according to residential remediation goals.
- e Goal is 1 pCi/g above background per agreement with EPA.

CFR	Code of Federal Regulations
dpm/100cm <sup>2</sup>	Disintegration per minute per one hundred square centimeters
EPA	U.S. Environmental Protection Agency
millirem	One thousandth of a rem (10 <sup>-3</sup> )
mrem/yr	Millirem per year
OSWER	Office of Solid Waste and Emergency Response
pCi/g	Picocurie per gram
pCi/L	Picocurie per liter
TCRA	Time-Critical Removal Action

## 2.8 DESCRIPTION AND EVALUATION OF REMEDIAL ALTERNATIVES

To address contamination in soil and groundwater and radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures, preliminary screening of GRAs<sub>(28)</sub> and process options was completed to refine the remedy selection process, as detailed in the revised Final FS Report. The GRAs were also developed considering the planned future land use of each redevelopment block because the RAOs were developed based on the planned future land use. Five soil, five groundwater, and two radiological remedial approaches were retained as combinations of **preliminary remedial alternatives**<sub>(29)</sub> and were evaluated with respect to implementability, effectiveness, and relative cost (high, moderate, and low). Detailed cost analysis was not performed as part of this preliminary screening.

Five remedial alternatives for soil, five remedial alternatives for groundwater, and two remedial alternatives for radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures were retained for a detailed comparative analysis in accordance with the NCP.

### 2.8.1 Description of Remedial Alternatives

The feasibility study was conducted for the former Parcel C, which consisted of the current Parcels UC-2 and C. Parcel UC-2 was a small, non-industrial portion of the former Parcel C. The former Parcel C was subsequently split into the current Parcels C and UC-2 at the proposed plan stage of the CERCLA process. Evaluation of risk, development of remedial action objectives, and evaluation of remedial alternatives as documented in the final feasibility study pertain to both the current Parcel C and UC-2; as such, only a subset of the soil and groundwater remedy components evaluated in the FS are applicable to the Parcel UC-2 portion of the former Parcel C.

The relevant remedy components are as follows:

- ICs, maintained landscaping, and covers for soil
- ICs, long-term monitoring, and MNA for groundwater.

The following remedy components in the soil and groundwater alternatives are not relevant for the Parcel UC-2 portion of the former Parcel C, and therefore are not applicable to Parcel UC-2:

- Excavation, off-site disposal, and soil vapor extraction (SVE) for soil.
- In situ zero-valent iron (ZVI) reduction and bioremediation for groundwater.

Only the relevant remedy components for Parcel UC-2 are presented and evaluated in this ROD. The relevant soil and groundwater remedy components for Parcel UC-2 are summarized in Table 6.

Table 7 provides the major components, details, and cost of each remedial alternative for Parcel UC-2 identified for soil, groundwater, and radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures.

### 2.8.2 Comparative Analysis of Alternatives

A comparative analysis of alternatives with respect to the **nine evaluation criteria**<sub>(30)</sub> was completed and is provided below. Table 8 depicts a relative ranking of the alternatives.

#### Threshold Criteria

**Overall Protection of Human Health and the Environment.** The no-action alternatives for soil, groundwater, and radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures do not achieve RAOs; therefore, they do not protect human health and the environment and are not considered further in this ROD. For soil, Alternatives S-2/3 and S-4/5 are protective of human health and the environment under the anticipated future land use of the site, although the degree of protection varies between the alternatives. For groundwater, Alternatives GW-2 and GW-3/4 are also protective of human health and the environment, although the degree of protection varies between the alternatives. For radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures, Alternative R-2 is protective of human health and the environment because it includes remediation that reduces exposure to radionuclides of concern.



**TABLE 6: SUMMARY OF PARCEL UC-2 REMEDIAL ALTERNATIVES AND REMEDY COMPONENTS**  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Medium	UC-2 ROD Alternative	FS Alternative <sup>a</sup>	Relevant Remedy Components for Parcel UC-2	Remedy Components not Relevant for Parcel UC-2 (not evaluated in ROD)
Soil	S-1	S-1	Existing Soil	
	S-2/3	S-2	ICs, Maintained Landscaping	
		S-3	ICs, Maintained Landscaping	Excavation, Off-site Disposal
	S-4/5	S-4	ICs, Install Covers	
		S-5	ICs, Install Covers	Excavation, Off-site Disposal, SVE
Groundwater	GW-1	GW-1	Existing Groundwater	
	GW-2	GW-2	ICs, Groundwater Monitoring	
	GW-3/4	GW-3(A&B)	ICs, Monitored Natural Attenuation	ZVI reduction, bioremediation
		GW-4	ICs, Monitored Natural Attenuation	ZVI reduction, plume-wide bioremediation
Radiologically Impacted Structures and Soil	R-1	R-1	Existing Structures and Soil	
	R-2	R-2	Survey, Decontamination, Excavation, Disposal	

Note:

- a The Feasibility Study (FS) for the former Parcel C developed five soil remedy alternatives (S-1 through S-5) and five groundwater remedy alternatives (GW-1 through GW-4). Only relevant remedy components for Parcel UC-2 were evaluated. The following remedy alternatives for Parcel UC-2 are equivalent and were combined for evaluation: S-2/3 (S-2 and S-3), S-4/5 (S-4 and S-5), and GW-3/4 (GW-3A, GW-3B, and GW-4).

**TABLE 7: REMEDIAL ALTERNATIVES**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Remedial Alternative <sup>a</sup>	Components	Details	Cost <sup>b</sup>
<b>Soil Remedial Alternatives</b>			
<b>S-1: No Action</b> <i>No action for contaminated soil with no restriction on activities.</i>	Existing soil	No action	No cost
<b>S-2/3: ICs and Maintained Landscaping</b> <i>Impose ICs to limit land use and maintain landscaping of bare or disturbed areas with no cover.</i>	<ul style="list-style-type: none"> <li>ICs</li> <li>Maintained landscaping</li> </ul>	<ul style="list-style-type: none"> <li>ICs, including proprietary controls, restrictive covenants, restricted land use, restricted activities, and prohibited activities, will be implemented to prevent or minimize exposure to areas where potential unacceptable risk is posed by COCs in soil. The site would be fenced before redevelopment, except for areas that are covered with a building footprint or existing cover (such as a parking lot).</li> <li>Maintain landscaping for bare or minimally vegetated areas that have been disturbed by excavation or construction and not restored with a cover.</li> <li>ICs would prohibit construction of new or reuse of buildings over VOC plumes unless sufficient measures are taken to prevent or minimize exposure to VOCs in soil or groundwater.</li> </ul>	<p>Capital Cost: \$84,000</p> <p>O&amp;M Cost: \$123,000</p> <p><b>Present-Worth Cost: \$248,000</b><sub>(31) (32)</sub></p> <p>Discount Rate: 3.0%</p> <p>Timeframe: 30 years</p> <p>Note: These costs were adapted from the former Parcel C costs and represent approximately 16 percent of the original costs for the former parcel. The present-worth cost includes a 20 percent contingency cost. The actual costs associated with this remedial alternative are within the -30/+50 percent range of the stated present worth cost, as discussed in the original Parcel C FS.</p>

**TABLE 7: REMEDIAL ALTERNATIVES (CONTINUED)**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Remedial Alternative <sup>a</sup>	Components	Details	Cost <sup>b</sup>
<b>S-4/5: Covers and ICs</b> <i>Install physical barriers, such as covers, to block exposure pathways to contaminated soil, followed by ICs.</i>	<ul style="list-style-type: none"> <li>Install covers</li> <li>ICs (S-2/3)</li> </ul>	<ul style="list-style-type: none"> <li>Install durable covers that will not break, erode, or deteriorate such that the underlying soil becomes exposed. Existing asphalt and concrete surfaces may be used as covers as long as they meet the durability requirement.</li> <li>All asphalt covers will be sealed at the start of construction and maintained by resealing once every 10 years or as needed to prevent or minimize opening an exposure pathway.</li> <li>The ground would be covered with a minimum of 4 inches of asphalt paving (industrial areas) or 2 feet of new soil (residential areas). Because of the steep slope, the type and thickness of the soil cover will be established in the remedial design (RD).</li> <li>Approximately 0.7 acre would be covered with soil and maintained landscaping and 3.2 acres of existing asphalt and concrete surfaces would be used and repaired as necessary.</li> <li>Impose same ICs as those for Alternative S-2/3.</li> </ul>	<p>Capital Cost: \$208,000</p> <p>O&amp;M Cost: \$140,000</p> <p><b>Present-Worth Cost: \$418,000</b><sub>(33) (34)</sub></p> <p>Discount Rate: 3.0%</p> <p>Timeframe: 30 years</p> <p>Note: These costs were adapted from the former Parcel C costs and represent approximately 6 percent of the original costs for the former parcel. The present-worth cost includes a 20 percent contingency cost. The actual costs associated with this remedial alternative are within the -30/+50 percent range of the stated present worth cost, as discussed in the original Parcel C FS.</p>

**TABLE 7: REMEDIAL ALTERNATIVES (CONTINUED)**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Remedial Alternative <sup>a</sup>	Components	Details	Cost <sup>b</sup>
<b>Groundwater Remedial Alternatives</b>			
<b>GW-1: No Action</b> <i>No action for contaminated groundwater with no restriction on activities.</i>	Existing groundwater	No action	No cost
<b>GW-2: Long-Term Monitoring and ICs</b> <i>Implement monitoring to assess migration of chemicals and ambient conditions, followed by ICs.</i>	<ul style="list-style-type: none"> <li>Groundwater monitoring</li> <li>ICs</li> </ul>	<ul style="list-style-type: none"> <li>Monitor VOCs at strategically located monitoring wells to evaluate whether plumes are stable or mobile. Frequency and duration will be established at a later date.</li> <li>ICs, including property controls, restrictive covenants, restricted land use, restricted and prohibited activities, will be implemented to prevent exposure to groundwater where there is potential unacceptable risk posed by COCs in groundwater.</li> <li>ICs will remain in place until the selected remedial goals are achieved that allow for unlimited use and unrestricted exposure.</li> </ul>	Capital Cost: \$0 O&M Cost: \$423,000 <b>Present-Worth Cost: \$508,000<sub>(35)</sub><sup>b</sup></b> Discount Rate: 3.0% Timeframe: 30 years  Note: These costs were adapted from the former Parcel C costs and represent approximately 4 percent of the original costs for the former parcel. The present-worth cost includes a 20 percent contingency cost. The actual costs associated with this remedial alternative are within the -30/+50 percent range of the stated present worth cost, as discussed in the original Parcel C FS.

**TABLE 7: REMEDIAL ALTERNATIVES (CONTINUED)**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Remedial Alternative <sup>a</sup>	Components	Details	Cost <sup>b</sup>
<b>Groundwater Remedial Alternatives (Continued)</b>			
<b>GW-3/4: Monitored Natural Attenuation, and ICs</b> <i>Monitored natural attenuation (MNA) and ICs</i>	<ul style="list-style-type: none"> <li>MNA</li> <li>ICs (GW-2)</li> </ul>	<ul style="list-style-type: none"> <li>Impose MNA.</li> <li>Impose same ICs as those for Alternative GW-2.</li> <li>The cost for implementation of this alternative is the same as for Alternative GW-2.</li> </ul>	Capital Cost: \$0 O&M Cost: \$423,000 <b>Present-Worth Cost: \$508,000 / \$508,000<sub>(36)</sub> <sup>b</sup><sub>(37)</sub></b> Discount Rate: 3.0% Timeframe: 30 years Note: These costs were adapted from the former Parcel C costs and represent approximately 2 percent of the original costs for the former parcel. The present-worth cost includes a 20 percent contingency cost. The actual costs associated with this remedial alternative are within the -30/+50 percent range of the stated present worth cost, as discussed in the original Parcel C FS.
<b>Radiologically Impacted Structures (storm drains and sanitary sewers only) and Soil (associated with these structures) Remedial Alternatives</b>			
<b>R-1: No Action</b> <i>No action for radiologically impacted structures (storm drains and sanitary sewers) and soil (associated with these structures) with no restriction on activities.</i>	<ul style="list-style-type: none"> <li>Existing structures (storm drains and sanitary sewers)</li> <li>Existing soil</li> </ul>	No action	No cost



**TABLE 7: REMEDIAL ALTERNATIVES (CONTINUED)**

Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

Remedial Alternative <sup>a</sup>	Components	Details	Cost <sup>b</sup>
<b>Radiologically Impacted Structures (storm drains and sanitary sewers only) and Soil (associated with these structures) Remedial Alternatives (Continued)</b>			
<b>R-2: Survey, Decontamination, Excavation, Disposal, and Release</b> <i>Survey existing structures (storm drains and sanitary sewers), followed by excavation and off-site disposal of contaminated materials and soil.</i>	<ul style="list-style-type: none"> <li>Survey</li> <li>Decontamination</li> <li>Excavation</li> <li>Disposal</li> <li>Release</li> </ul>	<ul style="list-style-type: none"> <li>No buildings are present at Parcel UC-2.</li> <li>Survey structures (storm drains and sanitary sewers).</li> <li>Excavate storm drain and sanitary sewer lines and radiologically impacted soil associated with these structures.</li> <li>Dispose of excavated materials and soils at off-site facilities.</li> <li>Conduct surveys to ensure that remediation goals are met for all radiologically impacted sites in Parcel UC-2.</li> </ul>	Capital Cost:: \$758,000 O&M Cost: None <b>Present-Worth Cost: \$1,077,000<sub>(38)</sub></b> Discount Rate: Not applicable Timeframe: Approximately 1 year Note: These costs were adapted from the former Parcel C costs and represent approximately 4 percent of the original costs for the former parcel. The present-worth cost includes a 20 percent contingency cost. The actual costs associated with this remedial alternative are within the -30/+50 percent range of the stated present worth cost, as discussed in radiological addendum to the original Parcel C FS.

## Notes:

- a The Feasibility Study (FS) for the former Parcel C developed five soil remedy alternatives (S-1 through S-5) and five groundwater remedy alternatives (GW-1 through GW-4). Only relevant remedy components for Parcel UC-2 were evaluated in this ROD. The following remedy alternatives for Parcel UC-2 are equivalent and were combined for evaluation: S-2/3 (S-2 and S-3), S-4/5 (S-4 and S-5), and GW-3/4 (GW-3A, GW-3B, and GW-4).
- b Parcel UC-2 represents a small percentage of the original Parcel C acreage (approximately 3 percent), and only a limited set of soil and groundwater response actions applicable at Parcel C are relevant remedy components for Parcel UC-2 (ICs, maintained landscaping, and covers for soil; ICs, long-term monitoring, and monitored natural attenuation [MNA] for groundwater). Based on this understanding, the Parcel UC-2 costs for Alternatives S-2, S-4, and GW-2 were evaluated in detail and were found to be 16 percent for Alternative S-2, 3 percent for Alternative S-4, and 4 percent for Alternative GW-2 of the overall Parcel C costs. The adjusted Parcel UC-2 Alternative S-2 costs were used to adjust the Alternative S-2/3 costs, and the adjusted Parcel UC-2 Alternative S-4 costs were used to adjust the Alternative S-4/5 costs. The adjusted Parcel UC-2 Alternative GW-2 costs were used to adjust the costs for Alternative GW-3/4. These adjusted Parcel UC-2 costs were compared with the original Parcel C cost for each of these alternatives, and a percentage was calculated.
- c The present worth costs for implementing Alternatives GW-2 and GW-3/4 (\$508,000) are equivalent.

TABLE 8: RELATIVE RANKING OF REMEDIAL ALTERNATIVES  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California

CERCLA Criteria	Soil <sup>a</sup>			Groundwater <sup>a</sup>			Radiologically Impacted Structures (storm drains and sanitary sewers) and Soil (associated with these structures)	
	S-1 No Action	S-2/3 ICs and Maintained Landscaping	S-4/5* Covers and ICs	GW-1 No Action	GW-2 Long-Term Monitoring and ICs	GW-3/4* Monitored Natural Attenuation, and ICs	R-1 No Action	R-2* Survey, Decontamination, Excavation, Disposal, and Release
Threshold Criteria								
Overall Protection of Human Health and the Environment	No	Yes	Yes	No	Yes	Yes	No	Yes
Compliance with ARARs	N/A	Yes	Yes	N/A	Yes	Yes	N/A	Yes
Balancing Criteria								
Long-Term Effectiveness and Permanence								
Reduction in Toxicity, Mobility, or Volume through Treatment								
Short-Term Effectiveness								
Implementability								
Present-Worth Cost (\$)	\$0	\$248,000	\$418,000	\$0	\$508,000 <sup>b</sup>	\$508,000 <sup>b</sup>	\$0	\$1,077,000
Modifying Criteria								
State Acceptance								
Community Acceptance								

Notes: Fill symbol by quarters from open (poor) to full (excellent).

\* Indicates preferred alternative

a The Feasibility Study (FS) for the former Parcel C developed five soil remedy alternatives (S-1 through S-5) and five groundwater remedy alternatives (GW-1 through GW-4). Only relevant remedy components for Parcel UC-2 were evaluated in this ROD.

The following remedy alternatives for Parcel UC-2 are equivalent and were combined for evaluation: S-2/3 (S-2 and S-3), S-4/5 (S-4 and S-5), and GW-3/4 (GW-3A, GW-3B, and GW-4).

b The present worth costs for implementing Alternatives GW-2 and GW-3/4 (\$508,000) are equivalent.

**Compliance with ARARs.** ARARs do not apply to the no-action alternatives for soil, groundwater, and radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures. The remaining soil, groundwater, and radiological alternatives must either comply with ARARs or provide grounds for a waiver. Alternatives S-2/3 and S-4/5 comply with all ARARs. Alternatives GW-2 and GW-3/4 also meet all the ARARs, but with potentially less certainty. Alternative R-2 fulfills all ARARs related to radiologically impacted structures (storm drains and sanitary sewers) or soil associated with these structures.

### **Primary Balancing Criteria**

**Criteria Long-Term Effectiveness and Permanence.** Alternative S-4/5 is rated highest with respect to long-term effectiveness and permanence because it includes durable covers and ICs. The long-term effectiveness and permanence is lower for Alternative S-2/3, which includes the same ICs but relies on maintained landscaping rather than durable covers. Alternatives S-2/3 and S-4/5 would also provide long-term effectiveness in meeting the RAOs through reliance on continuous enforcement of covenants to restrict use of property to maintain covers and access restrictions. Alternatives S-2/3 and S-4/5 rely on access restrictions for other COCs until ICs are implemented and do not permanently remove any contamination. Since no action will be taken under Alternative S-1, it does not provide a long-term effective or permanent solution to the risks from soil present at the site.

Alternative GW-3/4 provides the highest level of long-term effectiveness and permanence because it includes MNA and ICs. The conditions for natural degradation of COCs will be monitored under MNA. Alternative GW-2 would provide a moderate level of effectiveness and permanence because groundwater plumes would be addressed only through ICs and monitoring to assess the potential migration of contaminants. All alternatives, except for Alternative GW-1, provide an adequate and reliable level of controls.

Alternative R-2 would provide excellent long-term effectiveness and performance for radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures. Alternative R-1 provides very little long-term effectiveness and performance because it includes no action.

**Reduction in Toxicity, Mobility, or Volume through Treatment.** None of the alternatives proposed for remediating soils at Parcel UC-2 includes treatment as a GRA; therefore, all of the alternatives (S-1, S-2/3, and S-4/5) are rated poor with respect to reducing the mobility, toxicity, or volume through treatment.

None of the alternatives proposed for remediating groundwater at Parcel UC-2 includes treatment as a GRA; therefore, all of the alternatives (GW-1, GW-2, and GW-3/4) are rated poor with respect to reducing the mobility, toxicity, or volume through treatment.

Alternatives R-1 and R-2 are both rated poor because they do not include treatment that would result in the destruction, transformation, or irreversible reduction in radionuclides of concern mobility.

**Short-Term Effectiveness.** Alternative S-1 has less effect on the community, remedial workers, or the environment because it includes no actions. Alternatives S-2/3 and S-4/5 introduce less risk to these receptors because they do not include excavation, hauling, and disposal of soil that contains contamination; however, Alternative S-4/5 also includes covers, which make it more effective than Alternative S-2/3.

All of the groundwater alternatives scored well in terms of short-term effectiveness according to the criterion. Alternatives GW-2 and GW-3/4 are equivalent for short-term effectiveness. Alternatives GW-2 and GW-3/4 are slightly better than Alternative GW-1 because they impose ICs. Alternatives GW-2 and GW-3/4 pose a very low risk to workers during implementation of the groundwater monitoring program.

Alternative R-1 has the least effect on the community, remedial workers, or the environment because it includes no actions; therefore, it would not disturb the radionuclides of concern. Alternative R-2 includes removing and hauling contaminated soil and building materials from the site. This alternative would pose a potential risk to the community, remedial workers, or the environment, although this risk is considered low and mitigation measures would be implemented.

**Implementability.** Distinction among the soil alternatives for implementability is minimal. Alternatives S-2/3 and S-4/5 require implementation of long-term ICs; in terms of ICs, Alternative S-2/3 may be more difficult to implement, as long-term ICs and landscaping would be maintained throughout the parcel. Installing covers (Alternative S-4/5) is a standard technology easy to implement. Alternative S-1 does not involve remedial technologies or ICs and requires no implementation.

Distinction among the groundwater alternatives for implementability is minimal. Alternatives GW-2 and GW-3/4 require implementation of long-term ICs. Long-term monitoring (GW-2) and MNA (GW-3/4) are equally easy to implement. Alternative GW-1 does not involve remedial technologies or ICs and requires no implementation.

Alternative R-2 requires use of standard technologies that are easy to implement. Alternative R-1 does not involve remedial technologies and requires no implementation. Therefore, the distinction between these two alternatives regarding implementability is minimal.

**Cost.** Alternatives S-1 requires no action; therefore, no costs are associated with this alternative. Alternative S-2/3 is less costly (\$248,000) because it includes no active remediation before the property is transferred. The cost of Alternative S-4/5 is moderate (approximately \$418,000).

Alternative GW-1 is rated the highest because no cost is associated because no actions would be taken. The costs of Alternatives GW-2 and GW-3/4 are moderate (approximately \$508,000) because of the long-term groundwater monitoring or MNA.

Alternative R-1 requires no action; therefore, no costs are associated with this alternative. Alternative R-2 is costly (\$1,077,000) but effectively addresses all radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures.

## **Modifying Criteria**

**State Acceptance.** State involvement has been solicited throughout the CERCLA process. The State of California concurs with the Navy's selected remedial alternatives.

**Community Acceptance.** Community acceptance is evaluated based on comments received from the public during the public comment period for the proposed plan. The proposed plan was presented to the community and discussed during a public meeting on February 11, 2009. Comments were also gathered during the public comment period from January 29 through February 27, 2009. Attachment 2, the responsiveness summary, of this ROD addresses the public's comments and concerns about the selected remedial alternatives at Parcel UC-2.

## **2.9 SELECTED REMEDY**

### **2.9.1 Rationale for Selected Remedy**

The selected soil remedy for Parcel UC-2 is Alternative S-4/5 (covers and ICs). The selected remedy for groundwater at Parcel UC-2 is Alternative GW-3/4 (MNA and ICs). The selected remedy for radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures at Parcel UC-2 is Alternative R-2 (survey, decontamination, excavation, disposal, and release) for radiologically impacted structures and soil associated with these structures.

The selected remedies provide the best balance of tradeoffs with respect to the nine criteria. The remedy for soil meets the RAOs by covering the entire parcel with covers to cut off potential exposure pathways to arsenic, manganese, and nickel in soils. The remedy for groundwater meets the RAOs by monitoring the natural attenuation of the VOCs for up to 30 years. The remedy for radiologically impacted structures and soil associated with these structures meets the RAOs by excavating and disposing of storm drains and sanitary sewers and impacted soils and disposing of them off site, thereby removing the source of contamination.

ICs, including restrictive covenants regulating restricted land use and restricted and prohibited activities will be implemented to prevent or minimize exposure to areas where potential unacceptable risk is posed by COCs in soil and groundwater. ICs will remain in place as long as contamination remains at the site above levels that allow for unlimited use and unrestricted exposure.

### **2.9.2 Description of Selected Remedy**

Durable covers will be applied as physical barriers for the Parcel UC-2 soil remedy to cut off potential exposure to metals in soil. The RD will include plans for inspection and maintenance to ensure the covers remain intact. Modification of the covers will be governed by the land use control remedial design (LUC RD) report discussed below, and its terms will be enforced by the regulatory agencies. The Navy conducted a site visit on June 30, 2009, to confirm current site conditions and refined the planned cover for Parcel UC-2 as follows:



1. The area southwest of the corner of Robinson Street and Fisher Avenue is a level, paved parking lot. From the parking lot down to Fisher Avenue is a sharp drop varying from 5 to 15 feet, and the slope is vegetated with ice plant and annual grass. The parking lot was identified for a soil cover remedy in the final Parcel C FS; however, based on the current condition, the Navy reclassified the parking lot plus the small amount of property north and west of the lot for pavement cover. The remainder of the area will remain soil cover, as planned.
2. Along the western former Parcel A and Parcel UC-2 boundary, there is a sharp drop of about 15 feet from Parcel A down to Parcel UC-2 that continues along Fisher Avenue to the corner of Robinson Street. This slope is vegetated with ice plant and annual grass and includes a set of concrete stairs leading up to former Parcel A. This area was identified for a pavement cover in the final Parcel C FS, but implementing that remedy on a slope would be difficult. As recommended by the regulatory agencies and others, the Navy reclassified this area for a soil cover remedy.

Details of the design for covers at Parcel UC-2 will be developed in the RD. It is estimated from aerial photographs of Parcel UC-2 that approximately 0.7 acre would be covered with clean, imported soil and maintained landscaping and that 3.2 acres of existing asphalt and concrete surfaces would be used and repaired, as necessary. Because of the steep slope, the type and thickness of the soil cover will be established in the RD.

Under the Parcel UC-2 ROD, MNA will be implemented in and around the VOC plume area in both Parcels UC-2 and C (and also in downgradient locations) for the Parcel UC-2 groundwater remedy. Over the past decade, the level of carbon tetrachloride has decreased by an order of magnitude. The current level of carbon tetrachloride in this area is between 1 and 5  $\mu\text{g/L}$  (as of April 2008), and the Navy expects to meet the remedial goal of 0.5  $\mu\text{g/L}$  within approximately the next 10 to 20 years. Therefore, selecting MNA as a remedy is justified because the remedial goals for groundwater will be achieved in a reasonable amount of time without active treatment. The locations of monitoring points and the monitoring frequency will be specified in the RD. The monitoring plan will be flexible to allow modifications as data are collected.

A soil gas survey may be conducted for the following purposes:

- To evaluate potential vapor intrusion risks,
- To identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of  $10^{-6}$ ),
- To identify where the initial areas requiring institutional controls (ARIC) for VOCs would be retained and where they would be released, and
- To evaluate the need for additional remedial action to remove ARICs.

The selected remedy for radiologically impacted structures consists of removing and disposing of off site the remaining radiologically impacted storm drains and sanitary sewers and soil associated with these structures while implementing appropriate **dust control measures**<sup>(39)</sup> to meet the objective of unrestricted release throughout Parcel UC-2. Unrestricted release means that a property can be used for any residential or commercial purpose once regulatory requirements have been met. Residential remedial goals will be used for radiologically impacted storm drains, sewer lines, and soil associated with these structures to meet the objective of unrestricted release.

The Navy will address radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures at Parcel UC-2 under its ongoing Hunters Point Shipyard radiological removal action program. A removal action completion report will summarize all storm drain and sanitary sewer final status survey reports and survey unit package reports. Unrestricted release is to be granted after concurrence is received on the radiological removal action completion report for Parcel UC-2. If the TCRA does not achieve the remedial goals, work will continue until the remedial goals specified in the ROD are met. Each radiologically impacted structure (storm drains and sanitary sewers) and soil associated with this structure will be investigated through the CERCLA process. The classification of "radiologically impacted" may be removed if the final report of the site investigation is approved by the stakeholders and the site is determined to require no further action.

The survey and removals will occur before any covers are installed as part of Alternative S-4/5. Excavated areas will be surveyed after cleanup is completed to ensure that no residual radioactivity is present at levels above the remediation goals. Excavated soil and drain material from radiologically impacted structures (storm drains and sanitary sewers) will be screened and radioactive sources and contaminated soil will be removed and disposed of at an off-site, low-level radioactive waste facility. Survey and removal of the Parcel UC-2 storm drain and sanitary sewer lines were completed in early October 2009. The draft radiological survey unit report is planned for early spring in 2010.

ICs<sup>(40)</sup> will be implemented to prevent or minimize exposure to areas where potential unacceptable risk is posed by COCs in soil and groundwater. ICs are legal and administrative mechanisms used to implement land use restrictions that are used to limit the exposure of future landowners or users of the property to hazardous substances present on the property, and to ensure the integrity of the remedial action. ICs are required on a property where the selected remedial cleanup levels result in contamination remaining at the property above levels that allow for unlimited use and unrestricted exposure. ICs will be maintained until the concentrations of hazardous substances in soil and groundwater are at such levels to allow for unrestricted use and exposure. Implementation of ICs includes requirements for monitoring and inspections, and reporting to ensure compliance with land use or activity restrictions.

The Navy has concluded that it will rely on proprietary controls in the form of environmental restrictive covenants as provided in the "Memorandum of Agreement between the United States Department of the Navy and the California Department of Toxic Substances Control" and attached covenant models (the "Navy/DTSC MOA").

More specifically, land use and activity restrictions will be incorporated into two separate legal instruments as provided in the Navy/DTSC MOA:

1. Restrictive covenants included in one or more Quitclaim Deeds from the Navy to the property recipient.
2. Restrictive covenants included in one or more "Covenant(s) to Restrict Use of Property" entered into by the Navy and DTSC as provided in the Navy/DTSC MOA and consistent with the substantive provisions of *California Code of Regulations* Title 22 § 67391.1.

The "Covenant(s) to Restrict Use of Property" will incorporate the land use restrictions into environmental restrictive covenants that run with the land and that are enforceable by DTSC, and EPA, as a third-party beneficiary, against future transferees and users. The Quitclaim Deed(s) will include the identical land use and activity restrictions in environmental restrictive covenants that run with the land and that will be enforceable by the Navy against future transferees.

The activity restrictions in the "Covenant(s) to Restrict Use of Property" and Quitclaim Deed(s) shall be addressed in the LUC RD report that would be reviewed and approved by the FFA signatories. The Parcel UC-2 LUC RD shall be referenced in the applicable "Covenant(s) to Restrict Use of Property" and Quitclaim Deed(s). The Parcel UC-2 LUC RD shall specify soil and groundwater management procedures for compliance with the remedy selected in the Parcel UC-2 ROD. The Parcel UC-2 LUC RD shall identify the roles of local, state, and federal government in administering the Parcel UC-2 LUC RD and shall include, but not be limited to, procedures for any necessary inspections, sampling and analysis requirements, worker health and safety requirements, and any necessary site-specific construction or use approvals that may be required. The LUC RD will be submitted in accordance with the FFA schedule.

Land use restrictions will be applied to specified portions of the property and described in findings of suitability to transfer, findings of suitability for early transfer, "Covenant(s) to Restrict Use of Property" between the Navy and DTSC, and any Quitclaim Deed(s) conveying real property containing Parcel UC-2 at HPS.

A Risk Management Plan (RMP) may be prepared by the City and County of San Francisco and approved by the FFA signatories that may set forth certain requirements and protocols for implementing the activity restrictions specified in the ROD.

#### Access

The Deed and Covenant shall provide that the Navy and FFA signatories and their respective officials, agents, employees, contractors, and subcontractors shall have the right to enter upon HPS Parcel UC-2 for purposes consistent with the Navy IR Program or the FFA.

## Implementation

The Navy shall address and describe IC implementation and maintenance actions including periodic inspections and reporting requirements in the preliminary and final LUC RD reports to be developed and submitted to the FFA signatories for review and approval pursuant to the FFA (see "Navy Principles and Procedures for Specifying, Monitoring and Enforcement of Land Use Controls and Other Post-ROD Actions" attached to January 16, 2004, Department of Defense memorandum titled "Comprehensive Environmental Response, Compensation and Liability Act [CERCLA] Record of Decision [ROD] and Post-ROD Policy"). The preliminary and final LUC RD reports are primary documents as provided in Section 7.3 of the FFA.

The Navy is responsible for implementing, maintaining, reporting on, and enforcing land use controls. Although the Navy may later transfer these procedural responsibilities to another party by contract, property transfer agreement, or through other means, the Navy shall retain ultimate responsibility for remedy integrity.

### **Activity Restrictions that Apply throughout Parcel UC-2**

The following sections describe the IC objectives to be achieved through activity restrictions throughout Parcel UC-2 to ensure that any necessary measures to protect human health and the environment and the integrity of the remedy have been undertaken.

### Restricted Activities

The following restricted activities throughout HPS Parcel UC-2 must be conducted in accordance with the "Covenant(s) to Restrict Use of Property," Quitclaim Deed(s), the RMP, the LUC RD report, and if required, any other work plan or document approved in accordance with these referenced documents and must be further reviewed and approved by the FFA signatories:

1. "Land disturbing activity," which includes but is not limited to: (1) excavation of soil, (2) construction of roads, utilities, facilities, structures, and appurtenances of any kind, (3) demolition or removal of "hardscape" (for example, concrete roadways, parking lots, foundations, and sidewalks), (4) any activity that involves movement of soil to the surface from below the surface of the land, and (5) any other activity that causes or facilitates movement of known contaminated groundwater.
2. Alteration, disturbance, or removal of any component of a response or cleanup action (including but not limited to pump-and-treat facilities and soil cap/containment systems); groundwater extraction, injection, and monitoring wells and associated piping and equipment; or associated utilities.
3. Extraction of groundwater and installation of new groundwater wells with the exception of environmental sampling and monitoring requirements described in this ROD.
4. Removal of or damage to security features (for example, locks on monitoring wells, survey monuments, fencing, signs, or monitoring equipment and associated pipelines and appurtenances).



## Prohibited Activities

The following activities are prohibited throughout HPS Parcel UC-2:

1. Growing vegetables or fruits in native soil for human consumption
2. Use of groundwater

## **Proposed Activity Restrictions Relating to VOC Vapors at Specific Locations within Parcel UC-2**

Any proposed construction of enclosed structures must be approved in accordance with the "Covenant(s) to Restrict Use of the Property," Quitclaim Deed(s), LUC RD report, and the RMP with approval of the FFA signatories prior to the conduct of such activity within the ARIC for VOC vapors, to ensure that the risks of potential exposures to VOC vapors are reduced to acceptable levels that are adequately protective of human health. The reduction in potential risk can be achieved through engineering controls or other design alternatives that meet the specifications set forth in the ROD, RD reports, LUC RD report, and the RMP. Initially, the ARIC will include Redevelopment Block 10 within Parcel UC-2. The remaining areas of Parcel UC-2 are planned roads, with the exception of a small sliver of Redevelopment Block 17. The ARIC for VOC vapors in Redevelopment Block 10 in Parcel UC-2 may be modified by the FFA signatories as the soil contamination areas and groundwater contaminant plumes that are producing unacceptable vapor inhalation risks are reduced over time or in response to further soil, vapor, and groundwater sampling and analysis for VOCs that establishes that areas now included in the ARIC for VOC vapors do not pose unacceptable potential exposure risk to VOC vapors.

### **2.9.3 Expected Outcomes of the Selected Remedy**

The expected outcome for soil is that risk from the artificial fill would be mitigated through the use of durable covers and access restrictions to restrict exposure. After the remedy has been implemented, the property will be suitable for the uses specified in the redevelopment plan.

The groundwater remedy is expected to achieve remediation goals by MNA. Although attenuation is expected to reduce VOC vapors released from groundwater, ARICs for vapor intrusion may be needed at some locations at Parcel UC-2. Furthermore, the Navy intends to permanently prohibit use of groundwater at Parcel UC-2 through the use of ICs.

The remedy for radiological contamination includes surveys, decontamination, excavation, and off-site disposal. The removal of potential radiologically impacted sanitary and storm sewers and soil associated with these structures is expected to result in a reduction of the potential risks to levels below remediation goals associated with exposure to radionuclides of concern. The storm drains and sanitary sewers are considered "radiologically impacted" in Parcel UC-2; each of the radiologically impacted structures (storm drains and sanitary sewers) will be investigated through the CERCLA process. The classification of "radiologically impacted" may be removed if the final report of the site investigation is approved by the stakeholders and the site is determined to require no further action.

In accordance with the NCP, the selected remedy meets the following statutory determinations.

- **Protection of Human Health and the Environment** – The selected remedy for soil will protect human health and the environment by installing durable covers and implementation of ICs. The selected remedy for groundwater will provide long-term protection by reducing concentrations of VOCs through attenuation. The selected remedy for radiologically impacted structures (storm drains and sanitary sewers) will protect human health by screening excavated soil and drain material from radiologically impacted structures and disposing of radioactive sources and contaminated soil at an off-site, low-level radioactive waste facility.
- **Compliance with ARARs** – CERCLA § 121(d)(1) states that remedial actions on CERCLA sites must attain (or the decision document must justify the waiver of) any federal or more stringent state environmental standards, requirements, criteria, or limitations that are determined to be legally applicable or relevant and appropriate. Chemical-specific ARARs are health- or risk-based numerical values or methods that, when applied to site-specific conditions, establish the acceptable amount or concentration of a chemical that may be found in, or discharged to, the environment. Location-specific ARARs are restrictions on the concentrations of hazardous substances or on conducting activities solely because they are in specific locations. Specific locations include floodplains, wetlands, historic places, and sensitive ecosystems or habitats. Action-specific ARARs are technology- or activity-based requirements or limitations for remedial activities. These requirements are triggered by the particular remedial activities conducted at the site. The remedial alternatives selected by the Navy will meet all chemical-, location-, and action-specific ARARs. The ARARs that will be met by the preferred alternatives are summarized in Attachment 1.
- **Cost-Effectiveness** – The selected remedy would provide overall protectiveness proportional to their costs and are therefore considered cost-effective.
- **Utilization of Permanent Solution and Alternative Treatment Technologies or Resource Recovery Technologies to the Maximum Extent Practicable** – The Navy has concluded that a containment remedy represents the maximum extent to which permanent solutions can be used in a cost-effective manner because soil contamination is widely dispersed across the installation. The selected remedy is expected to be permanent and effective in light of the anticipated land use.
- **Preference for Treatment as a Principal Element** – The selected remedy does not satisfy the statutory preference for treatment as a principal element of the remedy because there is no cost-effective means of treating the large quantity of low-level soil contamination and low-level groundwater contamination. The selected remedy for radiologically impacted soil and remediation of radiologically impacted structures and materials does not include treatment as a principal element of the remedy because there is no available technology to reduce the toxicity or volume of radionuclides in contaminated soil or other materials.

- **Five-Year Review Requirements** –The selected remedy will result in hazardous substances, pollutants, or contaminants remaining on site above levels that allow for unrestricted use. As a result, a statutory review will follow the schedule of the on-going site-wide 5-year review after the remedial action is initiated to ensure the remedy is protective of human health and the environment.

## **2.10 COMMUNITY PARTICIPATION**

Community participation at HPS includes a Community Environmental Forum, public meetings, public information repositories, newsletters and fact sheets, public notices, and an IR Program website. The Community Involvement Plan for HPS provides detailed information on community participation for the IR Program and documents interests, issues, and concerns raised by the community about ongoing investigation and cleanup at HPS.

Documents and relevant information relied on in the remedy selection process will be made available for public review in the public information repositories listed below or on the **IR Program website**<sup>(41)</sup>.

San Francisco Main Library  
100 Larkin Street  
Government Information Center, 5th Floor  
San Francisco, California 94102  
Phone: (415) 557-4500

Anna E. Waden Bayview Library  
5075 Third Street  
San Francisco, California 94124  
Phone: (415) 355-5757

For access to the administrative record or additional information on the IR Program, contact:

Mr. Keith Forman  
Hunters Point Shipyard BRAC Environmental Coordinator  
Base Realignment and Closure Program Management Office West  
1455 Frazee Road, Suite 900  
San Diego, California 92108-4310  
Phone: (619) 532-0913  
e-mail: keith.s.forman@navy.mil

In accordance with CERCLA §§ 113 and 117, the Navy provided a public comment period from January 29, 2009, to February 27, 2009, for the proposed remedial action described in the Proposed Plan for Parcels UC-2 and C. A public meeting to present the Proposed Plan was held at 6:00 to 8:00 p.m. on February 11, 2009. Public notice of the meeting and availability of documents was placed in the *San Francisco Examiner* on January 29, 2009.

### **3.0 RESPONSIVENESS SUMMARY**

The responsiveness summary is the third component of a ROD; its purpose is to summarize information about the views of the public and support agency on both the remedial alternatives and general concerns about the site submitted during the public comment period. It documents in the record how public comments were integrated into the decision-making process. The participants in the public meeting, held on February 11, 2009, included community members, Restoration Advisory Board members, and representatives of the Navy, EPA, DTSC, and the Water Board. Questions and concerns received during the meeting were addressed at the meeting and are documented in the meeting transcript. Responses to comments provided at the meeting and received during the public comment period by the Navy, EPA, DTSC, or the Water Board are included in the responsiveness summary (Attachment 2). In some cases, the comments made during the meeting did not apply to Parcel UC-2 and only applied to the current Parcel C. Responses to comments pertaining only to Parcel C are not included in this document; these responses are provided in the Parcel C ROD.



**ATTACHMENT 1**  
**APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS**

**Federal Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Soil</b>				
<b>Resource Conservation and Recovery Act (Title 42 U.S.C. Chapter 82, §§ 6901-6991[i])</b>				
Defines RCRA hazardous waste. A solid waste is characterized as toxic, based on TCLP, if the waste exceeds the TCLP maximum concentrations.	Waste	Cal. Code Regs. tit. 22, §§ 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	These regulations are applicable to activities that generate waste to determine if the waste is hazardous. The Navy will determine if the excavated soil meets the definition of non-RCRA hazardous waste when it is generated.
<b>Uranium Mill Tailings Radiation Control Act (42 U.S.C., Chapter 88, § 192.02, 192.129[a] and [b], 192.42)<sup>c</sup></b>				
Standards for Cleanup of Land and Buildings Contaminated with Radium-226, Radium-228, and Thorium from Inactive Uranium Processing Sites.  As a result of residual radioactive materials from any designated processing site:  The concentration of radium-226 in land averaged over any area of 100 square meters shall not exceed the background level by more than: (1) 5 pCi/g, averaged over the first 15 cm of soil below the surface, and (2) 15 pCi/g, averaged over 15 cm-thick layers of soil more than 15 cm below the surface.	UMTRCA sites (radioactivity above 5 pCi/g).	40 CFR § 192.12(a)	Relevant and appropriate	This requirement is relevant and appropriate.

**Federal Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Soil (Continued)</b>				
<b>Radiological Criteria for License Termination</b>				
A site will be considered acceptable for unrestricted use if the residual radioactivity that is distinguishable from background radiation results in a TEDE to an average member of the critical group that does not exceed 25 mrem/y, including that from groundwater sources of drinking water, and that the residual radioactivity has been reduced to ALARA.	Existing NRC-licensed radiologically contaminated site.	10 CFR § 20.1402	Relevant and appropriate	<p>This ARAR is not applicable because Parcel UC-2 is not an NRC licensed radiologically contaminated site. This ARAR is relevant and appropriate for an unrestricted land-use scenario.</p> <p>EPA does not believe this NRC regulation is protective of human health and the environment, and the HPS cleanup goals are more protective. This regulation is an ARAR only for radiologically impacted sites that are undergoing TCRAs and any additional remedial action required for those sites.</p>
<b>Groundwater</b>				
<b>Resource Conservation and Recovery Act (Title 42 U.S.C. Chapter 82, §§ 6901-6991[1])<sup>c</sup></b>				
Groundwater protection standards: Owners/operators of RCRA treatment, storage, or disposal facilities must comply with conditions in this section that are designed to ensure that hazardous constituents entering the groundwater from a regulated unit do not exceed the concentration limits for contaminants of concern set forth under Cal. Code Regs. title 22, § 66264.94 in the uppermost aquifer underlying the waste management area of concern at the POC.	A regulated unit that receives or has received hazardous waste before July 26, 1982, or regulated units that ceased receiving hazardous waste prior to July 26, 1982 where constituents in or derived from the waste may pose a threat to human health or the environment.	Cal. Code Regs. title 22, § 66264.94(a)(1), (a)(3), (c), (d), and (e)	Relevant and appropriate	The lowest concentration determined to be technologically and economically achievable is an ARAR for groundwater at Parcel UC-2. The lowest concentration limit greater than the background level that is technologically and economically achievable for the A-aquifer is based on unacceptable risk from the vapor intrusion pathway.

**Federal Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Surface Water</b>				
<b>Clean Water Act of 1977, as Amended (33 U.S.C., Chapter 26, §§ 1251–1387)<sup>c</sup></b>				
Surface water quality standards.	Discharges to waters of the United States.	40 CFR § 131.38	Applicable	These standards, known as the CTR, are applicable surface water ARARs for the bay. The Navy has identified the CTR as ARARs for surface waters downgradient from HPS Parcel UC-2 because groundwater discharges to the bay. The Navy will meet these ARARs for contaminants that do not have a promulgated standard in Table 3-3 of the Basin Plan at the interface of the A-aquifer and the bay.
<b>Air</b>				
<b>Clean Air Act (42 U.S.C., Chapter 85, §§ 7401–7671)<sup>c</sup></b>				
Emissions of radionuclides into the ambient air from Department of Energy facilities shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/y.	Facility owned or operated by the Department of Energy that emits any radionuclide other than radon-222 and radon-220 into the air.	40 CFR § 61.92	Relevant and appropriate	Not applicable because Parcel UC-2 is not a Department of Energy site, but may be relevant and appropriate if there is the potential for airborne emissions of radionuclides other than radon. Only an ARAR until cleanup action is completed. Not an ARAR for residual contamination after cleanup.
Emissions of radionuclides, including iodine, into ambient air from a facility regulated under this subpart shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/y. Emissions of iodine into ambient air from a facility regulated under this subpart shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 3 mrem/y.	Facilities owned or operated by any federal agency other than the Department of Energy and not licensed by the NRC.	40 CFR § 61.102	Applicable	The requirements are applicable since fugitive dust may be generated during implementation of remedial action at Parcel UC-2. The exposure to the public caused by remedial action operations at Parcel UC-2 is not likely to exceed 10 mrem/y because of the following reasons: (1) The concentrations of any radionuclide in dust are relatively low, as previously measured in air samples, and (2) the concentration of any radionuclide in dust will be reduced by use of engineering controls such as wetting of soils.



## Federal Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)

Notes:

a	Many action-specific ARARs contain chemical-specific limitations and are addressed in the action-specific ARAR tables.
b	Only the substantive provisions of the requirements cited in this table are ARARs.
c	Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered ARARs.
§	Section
§§	Sections
ALARA	As low as reasonably achievable
ARAR	Applicable or relevant and appropriate requirement
Cal. Code Regs.	California Code of Regulations
CFR	Code of Federal Regulations
cm	Centimeter
CTR	California Toxics Rule
EPA	U.S. Environmental Protection Agency
HPS	Hunters Point Shipyard
mrem/y	Millirem per year
NRC	Nuclear Regulatory Commission
pCi/g	Picocurie per gram
POC	Point of compliance
RCRA	Resource Conservation and Recovery Act
TCLP	Toxicity characteristic leaching procedure
TEDE	Total effective dose equivalent
tit.	Title
UMTRCA	Uranium Mill Tailings Radiation Control Act
U.S.C.	United States Code

**State Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Groundwater</b>				
<b>State and Regional Water Quality Control Boards<sup>c</sup></b>				
Incorporated into all regional board basin plans. Designates all groundwater and surface waters of the state as drinking water except where the total dissolved solids are greater than 3,000 parts per million, the well yield is less than 200 gallons per day from a single well, the water is a geothermal resource or in a water conveyance facility, or the water cannot reasonable be treated for domestic use using either best management practices or best economically achievable treatment practices.	Waters of the state	SWRCB Res. 88-63 (Sources of Drinking Water Policy)	Applicable	The Navy has evaluated the groundwater characteristics in the A-aquifer at HPS Parcel UC-2 against the criteria listed in SWRCB Res. 88-63. The Navy has determined that there are no potential sources of drinking water at Parcel UC-2. The Water Board has concurred in the Navy's determination that groundwater in the A-aquifer is not a potential source of drinking water.
Describes the water basins in the San Francisco Bay Region beneficial uses of groundwater and surface water, establishes water quality objectives, including narrative and numerical standards and establishes implementation plans to meet the water quality objectives and protect beneficial uses, and incorporates statewide water quality control plans and policies.	Waters of the state	Comprehensive Water Quality Control Plan for the San Francisco Region (Basin Plan) Chapters 2 and 3 (California Water Code § 13240), except the MUN designation for the A-aquifer	Applicable	The substantive groundwater provisions of Chapters 2 and 3 of the Basin Plan, except the MUN designation, are ARARs. According to the Basin Plan, which incorporates SWRCB Res. 88-63, A-aquifer groundwater at HPS Parcel UC-2 is not a potential source of drinking water.

**State Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Groundwater (Continued)</b>				
<b>State and Regional Water Quality Control Boards<sup>c</sup> (Continued)</b>				
Authorizes SWRCB and the Water Board to establish in water quality control plans, beneficial uses and numerical and narrative standards to protect both surface water and groundwater quality.	Waters of the state	California Water Code, div. 7, §§ 13241, 13243, 13263(a), 13269, and 13360 (Porter-Cologne Act)	Applicable	The Navy accepts the substantive provisions of §§ 13241, 13243, 13263(a), 13269, and 13360 of the Porter-Cologne Act enabling legislation as ARARs, as implemented through the beneficial uses, water quality objectives, waste discharge requirements, and promulgated policies of the Basin Plan for the San Francisco Bay Region.
Establishes the policy that high-quality waters of the state "shall be maintained to the maximum extent possible" consistent with the "maximum benefit to the people of the State." It provides that whenever the existing quality of water is better than that required by applicable water quality policies, such existing high-quality water will be maintained until it has been demonstrated to the state that any change will be consistent with maximum benefit to the people of the state, will not unreasonably affect present and anticipated beneficial use of the water, and will not result in water quality less than is prescribed in the policies. It also states that any activity that produces or may produce a waste or increased volume or concentration of waste and that discharges or proposes to discharge to existing high-quality waters will be required to meet waste-discharge requirements that will result in the best practicable treatment or control of the discharge.	High-quality waters of the state	Statement of Policy With Respect to Maintaining High Quality of Waters in California, SWRCB Res. 68-16	Not an ARAR	<p>The Navy has determined that SWRCB Res. 68-16 is not a chemical-specific ARAR for selecting remedial action goals, but it is an action-specific ARAR for regulating discharged treated groundwater to surface water. This remedial action does not include discharge of treated groundwater to surface water. The Navy has determined that further migration of VOCs through groundwater is not a discharge governed by the language in SWRCB Res. 68-16. More specifically, the language of SWRCB Res. 68-16 indicates that it is prospective in intent, applying to new discharges to maintain existing high-quality waters. It is not intended to apply to restoration of waters that are already degraded.</p> <p>The state does not agree with the Navy's determination that SWRCB Res. 92-49 and 68-16 are not ARARs for this response action. SWRCB has interpreted the term "discharges" in the California Water Code to include movement of waste from soils to groundwater and from contaminated to uncontaminated water (SWRCB 1994). However, the state agrees that the proposed action would comply with SWRCB Res. 92-49 and 68.16</p>

**State Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Groundwater (Continued)</b>				
<b>State and Regional Water Quality Control Boards<sup>c</sup> (Continued)</b>				
				The state does not intend to dispute the ROD, but reserves its rights if implementation of the provisions at Cal. Code Regs. tit. 22 is not as stringent as state implementation of the provisions at Cal. Code Regs. tit. 23. Because Cal. Code Regs. title 22 regulation is part of the state's authorized hazardous waste control program, it is also the state's position that Cal. Code Regs. title 22, § 66264.94 is a state ARAR and not a federal ARAR ( <i>United States v. State of Colorado</i> , 990 F.2d 1565 [1993]).
Describes requirements for regional board oversight of investigation and cleanup and abatement resulting from discharges of hazardous substances. Regional boards may decide on cleanup and abatement goals and objectives for the protection of water quality and beneficial uses of water within each region. Establishes criteria for "containment zones" where cleanup to established water-quality goals is not economically or technically practicable.	Discharge of hazardous substance into waters of the state.	Policies and procedures for investigation and cleanup and abatement of discharges under California Water Code § 13304, SWRCB Res. 92-49	Not an ARAR	SWRCB Res. 92-49 is not an ARAR for groundwater cleanup because the provisions of Cal. Code Regs. tit. 22, § 66264.94 (a)(1), (a)(3), (c), (d), and (e) have been determined to be a federal ARAR and SWRCB Res. 92-49 is not more stringent.  The state does not agree with the Navy's determination that SWRCB Res. 92-49 and 68-16 are not ARARs for this response action. SWRCB has interpreted the term "discharges" in the California Water Code to include movement of waste from soils to groundwater and from contaminated to uncontaminated water (SWRCB 1994). However, the state agrees that the proposed action would comply with SWRCB Res. 92-49 and 68-16. The state does not intend to dispute the ROD, but reserves its rights if implementation of the provisions at Cal. Code Regs. tit. 22 is not as stringent as state implementation of the provisions at Cal. Code Regs. tit. 23. Because Cal. Code Regs. tit. 22 regulation is part of the state's authorized hazardous waste



**State Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Groundwater (Continued)</b>				
<b>State and Regional Water Quality Control Boards<sup>c</sup> (Continued)</b>				
				control program, it is also the state's position that Cal. Code Regs. tit. 22, § 66264.94 is a state ARAR and not a federal ARAR ( <i>United States v. State of Colorado</i> , 990 F.2d 1565 [1993]).
<b>Surface Water</b>				
Surface water quality standards.	Marine water with salinities equal to or greater than 10 ppt 95 percent of the time	Basin Plan Table 3-3	Applicable	These standards are applicable to the bay. The Navy has identified Table 3-3 an ARAR for HPS Parcel UC-2 because groundwater discharges to the bay. The Navy will meet these ARARs in the bay at the interface of the A-aquifer and the bay.
<b>Soil</b>				
<b>Department of Toxic Substances Control<sup>b</sup></b>				
Definition of non-RCRA hazardous waste.	Waste	Cal. Code Regs. tit. 22, §§ 66261.3(a)(2)(C) or (a)(2)(F), 66261.22(a)(3) and (a)(4), 66261.24(a)(2) – (a)(8), and 66261.101	Applicable	These regulations are applicable to activities that generate waste to determine if the waste is non-RCRA hazardous waste. The selected alternative includes excavation and off-site disposal of soil. The Navy will determine if the excavated soil meets the definition of non-RCRA hazardous waste when it is generated.

**State Chemical-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Soil (Continued)</b>				
<b>State Water Resources Control Board<sup>b</sup></b>				
Definition of designated waste, nonhazardous waste, and inert waste.	Waste	Cal. Code Regs. tit. 27, §§ 20210, 20220, and 20230	Applicable	These regulations are applicable to activities that generate waste for classifying waste and determining the status of other ARARs. The selected alternative includes excavation and off-site disposal of soil. The Navy will determine if the excavated soil meets these definitions when it is generated.

Notes:

- a Many action-specific ARARs contain chemical-specific limitations and are addressed in the action-specific ARAR tables.
- b Only the substantive provisions of the requirements cited in this table are ARARs.
- c Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered ARARs.
- § Section
- §§ Sections
- ARAR Applicable or relevant and appropriate requirement
- div. Division
- Cal. Code Regs. Code of California Regulations
- HPS Hunters Point Shipyard
- MUN Municipal and domestic supply
- ppt Part per thousand
- RCRA Resource Conservation and Recovery Act
- Res. Resolution
- ROD Record of Decision
- SWRCB State Water Resources Control Board
- tit. Title
- VOC Volatile organic compound
- Water Board San Francisco Bay Regional Water Quality Control Board
- Reference
- SWRCB 1994 State Water Resources Control Board 1994. Application of State Water Board Resolution No. 68-16 to Cleanup of Contaminated Groundwater. February.

**Federal Location-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California**

Location	Requirement	Prerequisite	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Migratory Bird Treaty Act of 1972 (16 U.S.C. §§ 703–712)<sup>b</sup></b>					
Migratory bird area	Protects almost all species of native migratory birds in the United States from unregulated “take,” which can include poisoning at hazardous waste sites.	Presence of migratory birds.	16 U.S.C. § 703	Relevant and appropriate	This section is an ARAR because migratory birds have been observed at Parcel UC-2.

Notes:

a Only the substantive provisions of the requirements cited in this table are ARARs.

b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered ARARs.

§ Section

§§ Sections

ARAR Applicable or relevant and appropriate requirement

U.S.C. United States Code

**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Excavation and Off-Site Disposal of Soil</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup></b>					
On-site generation of waste	Person who generates waste shall determine if the waste is a hazardous waste.	Generator of waste	Cal. Code Regs. tit. 22, §§ 66262.10(a), and 66262.11	Applicable	These regulations are applicable to any operation that generates waste. The excavation and off-site disposal of the selected remedy contemplates generation of waste to be disposed of off site. The Navy will decide whether the waste in RCRA hazardous waste when it is generated.
On-site generation of waste	Requirements for analyzing waste for determining whether waste is hazardous.	Generator of waste	Cal. Code Regs. tit. 22, § 66264.13(a) and (b)	Applicable	These regulations are applicable to any operation that generates waste. The excavation and off-site disposal of the selected remedy include activities that generate waste to be disposed of off site. The Navy will decide whether the waste is RCRA hazardous waste when it is generated.
Stockpiling soil for off-site disposal	Allows generators to accumulate solid remediation waste in an EPA-designated pile for storage only up to 2 years during remedial operations without triggering land disposal restrictions.	Hazardous remediation waste temporarily stored in piles	40 CFR § 264.554 (d)(1)(i) through (ii), (d)(2), (e), (f), (h), (i), (j), and (k)	Relevant and appropriate	The Navy will temporarily stockpile soil in staging piles for off-site disposal. The Navy does not anticipate that all soil will be RCRA hazardous waste; however, the Navy has determined that these requirements are relevant and appropriate for all stockpiled soil.



**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Excavation and Off-Site Disposal of Soil (Continued)</b>					
<b>Clean Air Act (Title 42 U.S.C. §§ 7401-7671)<sup>a</sup></b>					
Excavate soil	Prohibits emission equal or greater to 20 percent opacity.	Emission from a source	Bay Area Air Quality Management District Rule 6-302	Applicable	This requirement is applicable to construction required for installation of the soil cover.
<b>Clean Water Act of 1988 as Amended, § 404 (33 U.S.C., § 1344)<sup>a</sup></b>					
Stormwater discharge	Owners and operators of construction activities must be in compliance with discharge standards.	Construction activities at least 1 acre in size	Clean Water Act § 402 (33 U.S.C. Chapter 26, § 1342) and 40 CFR Part 122.44(k)(2) and (4)	Applicable	The Navy anticipates disturbing more than 1 acre during excavation. The Navy will use the provisions in the state general storm water discharge permit, Order 99-08-DWQ, for complying with these storm water discharge requirements under the Clean Water Act.
<b>Covering Portions of Soil</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup></b>					
Construct a cover	The final cover must accommodate lateral and vertical shear forces generated by the maximum credible earthquake so that the integrity of the final cover is maintained.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.310(a)(5)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of Soil (Continued)</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup> (Continued)</b>					
Construct a cover	The integrity and effectiveness of the final cover, including making repairs to the cover as necessary to correct the effects of settling, subsidence, erosion, or other events throughout the post-closure period.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.310(b)(1)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.
Construct a cover	Run-on and run-off must not erode or otherwise damage the final cover.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.310(b)(4)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.
Construct a cover	Protect and maintain surveyed benchmarks throughout the postclosure period.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.310(b)(5)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of Soil (Continued)</b>					
<b>Clean Water Act (Title 33 U.S.C., Chapter 26, §§ 1251-1387)<sup>a</sup></b>					
Construct a cover	Owners and operators of construction activities must be in compliance with discharge standards.	Construction activities at least 1 acre in size	Clean Water Act § 402 (33 U.S.C. Chapter 26, § 1342) and 40 CFR § 122.44(k)(2) and (4)	Applicable	The Navy anticipates disturbing more than 1 acre when constructing the soil covers. The Navy will use the provisions in the state general storm water discharge permit, Order 99-08-DWQ, for complying with these storm water discharge requirements under the Clean Water Act.
<b>Clean Air Act (Title 42 U.S.C. §§ 7401-7671)<sup>a</sup></b>					
Construct a cover	Prohibits emission equal or greater to 20 percent opacity.	Emission from a source	Bay Area Air Quality Management District Rule 6-302	Applicable	This requirement is applicable to construction required for the cover.
<b>Groundwater Monitoring</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup></b>					
Monitor groundwater	Contaminants of concern are the waste constituents, reaction products, and hazardous constituents that are reasonably expected to be in or derived from the waste contained in the regulated unit.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.93	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.

**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Groundwater Monitoring (Continued)</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup> (Continued)</b>					
Monitor groundwater	The owner or operator shall establish a groundwater monitoring system for each regulated unit and include a sufficient number of monitoring points installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer that represent the quality of groundwater passing the point of compliance.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.97(b)(1)(A), (b)(1)(B), (b)(1)(C), (b)(1)(D)(1), and (b)(1)(D)(2)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Monitor groundwater	Requirements for monitoring well construction and sampling intervals.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.97(b)(4), (5), (6), and (7)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
Monitor groundwater	Requirements for groundwater sample collection.	RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.97(e)(6), (e)(12)(A), (e)(12)(B), (e)(13), and (e)(15)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.

**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Groundwater Monitoring (Continued)</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup> (Continued)</b>					
Monitor groundwater	In conjunction with corrective action measures, the owner or operator shall establish and implement a water quality monitoring program to demonstrate the effectiveness of the corrective action program. The program shall be effective in determining compliance and in determining the success of the corrective action measures.	Corrective action for groundwater at RCRA hazardous waste management unit	Cal. Code Regs. tit. 22, § 66264.100(d)	Relevant and appropriate	These requirements are applicable to RCRA hazardous waste facilities; however, the Navy has determined that they are relevant and appropriate to the monitoring component of the groundwater response action.
<b>Disposal of Investigation-Derived Waste Generated in Implementing Groundwater Alternatives</b>					
<b>Resource Conservation and Recovery Act (Title 42 U.S.C., Chapter 82, §§ 6901-6991[i])<sup>a</sup></b>					
On-site generation of waste	Person who generates waste shall determine if the waste is hazardous waste.	Generator of waste	Cal. Code Regs. tit. 22, §§ 66262.10(a), and 66262.11	Applicable	These regulations are applicable to any operation that generates waste. The Navy will decide whether the waste is RCRA hazardous waste when it is generated.
On-site generation of waste	Requirements for analyzing waste for determining whether waste is hazardous.	Generator of waste	Cal. Code Regs. tit. 22, § 66264.13(a) and (b)	Applicable	These regulations are applicable to any operation that generates waste. The Navy will determine whether the waste is RCRA hazardous waste when it is generated.



**Federal Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

**Notes:**

a Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs follow each general heading, and only substantive requirements of the specific citations are considered ARARs.

§	Section
§§	Sections
ARAR	Applicable or relevant and appropriate requirement
Cal. Code Regs.	California Code of Regulations
CFR	Code of Federal Regulations
DWQ	Department of Water Quality
EPA	U.S. Environmental Protection Agency
RCRA	Resource Conservation and Recovery Act
TBC	To be considered
tit.	Title
U.S.C.	United States Code

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Institutional Controls</b>					
<b>California Civil Code<sup>a</sup></b>					
Placing a institutional controls on soil and groundwater	Provides conditions under which land-use restrictions will apply to successive owners of land.	Transfer of property from the Navy to a nonfederal agency	California Civil Code § 1471	Relevant and appropriate	Substantive provisions are the following general narrative standard: "to do or refrain from doing some act on his or her own land ... where (c) each such act relates to the use of land and each such act is reasonably necessary to protect present or future human health or safety of the environment as a result of the presence of hazardous materials, as defined in § 25260 of the California Health & Safety Code." This language provides authority for establishing a durable institutional control that will be implemented through incorporation of restrictive environmental covenants that run with the land into both the federal deed at the time of transfer of the property and in the Covenant to Restrict Use of Property with DTSC to be executed at the time of transfer.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Institutional Controls (Continued)</b>					
<b>California Health and Safety Code<sup>a</sup></b>					
Placing institutional controls on soil and groundwater	Allows DTSC to enter into an agreement with the owner of a hazardous waste facility to restrict present and future land uses.	Transfer of property from the Navy to a nonfederal agency	California Health and Safety Code § 25202.5	Relevant and appropriate	The substantive provisions of this section are the general narrative standards that authorize DTSC to enter into an agreement to restrict "present and future uses of all or part of the land on which the facility ...is located."
Placing institutional controls on soil and groundwater	Provides processes and criteria for obtaining written variances from a land use restriction and for the removal of a land use restriction.	Transfer of property from the Navy to a nonfederal agency	California Health and Safety Code § 25233(c)	Relevant and appropriate	California Health and Safety Code § 25233(c) sets forth substantive criteria for granting variances from the uses prohibited in § 25232(b)(1)(A)-(E) based on specific environmental and health criteria.
Placing institutional controls on soil and groundwater	Provides a process and criteria by which DTSC can remove land use restrictions.	Transfer property from the Navy to a nonfederal entity	California Health and Safety Code § 25234	Relevant and appropriate	California Health and Safety Code § 25234 sets forth the following "relevant and appropriate" substantive criteria for the removal of a land use restriction on the grounds that "the waste no longer creates a significant existing or potential hazard to present or future public health or safety."

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Institutional Controls (Continued)</b>					
<b>California Health and Safety Code<sup>a</sup> (Continued)</b>					
Placing institutional controls on soil and groundwater	Provides a streamlined process to be used to enter into an agreement to restrict specific use of property in order to implement the substantive use restrictions of California Health and Safety Code § 25232(b)(1)(A)–(E).	Transfer of property from the Navy to a nonfederal agency	California Health and Safety Code § 25222.1	Relevant and appropriate	California Health and Safety Code § 25222.1 provides the authority for the state to enter into voluntary agreements to establish land use covenants with the owner of the property. The substantive provision of California Health and Safety Code § 25222.1 is the general narrative standard: "restricting specified uses of the property."
Placing institutional controls on soil and groundwater	Authorizes DTSC to enter into an enforceable agreement that imposes restrictions on present and future uses of the property.	Transfer property from the Navy to a nonfederal entity	California Health and Safety Code § 25355.5(a)(1)(C)	Relevant and appropriate	The substantive requirements of the following California Health and Safety Code § 25355.5(a)(1)(C) provisions are relevant and appropriate": "...execution and recording of a written instrument that imposes an easement, covenant, restriction, or servitude, or combination thereof, as appropriate, upon the present and future uses of the site."
<b>Department of Toxic Substances Control<sup>a</sup></b>					
Placing institutional controls on soil and groundwater	A land use covenant imposing appropriate limitations on land use shall be executed and recorded when facility closure, corrective action, remedial or removal action, or other	Property transfer by federal government to a non-federal entity	Cal. Code Regs. tit. 22, § 67391.1	Relevant and appropriate	The Navy is selecting ICs for soil and groundwater in this ROD. These requirements are ARARs for those ICs. EPA agrees that the substantive portions of the regulations referenced are ARARs. EPA specifically

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Institutional Controls (Continued)</b>					
<b>Department of Toxic Substances Control<sup>a</sup> (Continued)</b>					
	response actions are undertaken and hazardous materials, hazardous wastes or constituents, or hazardous substances will remain at the property at levels which are not suitable for unrestricted use of the land.				considers sections (a), (d), and (e) of Cal. Code Regs. tit. 22 § 67391.1 to be ARARs for this ROD. DTSC's position is that all of the state regulation is an ARAR.
<b>Excavation and Off-Site Disposal</b>					
<b>State Water Resources Control Board<sup>a</sup></b>					
Excavating soil and generating investigation-derived waste	Sampling and analysis of discharges shall be used for accurate characterization of wastes.	Waste	Cal. Code Regs. tit. 27, § 20200(c)	Applicable	This requirement is applicable to operations that generate waste. The Navy will accurately characterize waste for off-site disposal.
Off-site disposal of soil and investigation derived waste	Requires that designated waste as defined at California Water Code § 13173 be discharged to Class I or Class II waste management units.	Discharge of designated waste after July 18, 1997 (nonhazardous waste that could cause degradation of surface or ground waters) to land for treatment, storage, or disposal	Cal. Code Regs. tit. 27, § 20210	Applicable	This requirement is applicable to operations that generate waste. The Navy will determine if the waste meets the definition of designated waste for off-site disposal.
Off-site disposal of soil and investigation derived waste	Requires that nonhazardous solid waste as defined at Cal. Code Regs. tit. 27 § 20220(a) be discharged to a classified waste management unit.	Discharge of nonhazardous solid waste after July 18, 1997, to land for treatment, storage, or disposal	Cal. Code Regs. tit. 27, § 20220(b), (c), and (d)	Applicable	This requirement is applicable to operations that generate waste. The Navy will determine if the waste meets the definition of nonhazardous solid waste for off-site disposal.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Excavation and Off-Site Disposal (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Off-site disposal of soil and investigation derived waste	Inert waste as defined at Cal. Code Regs. tit. 27 § 20230(a) need not be discharged at a classified unit.	Applies to discharges of inert waste to land after July 18, 1997, for treatment, storage, or disposal	Cal. Code Regs. tit. 27 § 20230(b)	Applicable	This requirement is applicable to operations that generate waste. The Navy will determine if the waste meets the definition of inert waste for off-site disposal.
<b>Covering Portions of the Soil</b>					
<b>State Water Resources Control Board<sup>a</sup></b>					
Covering portions of the soil	Alternatives to construction or prescriptive standards.	Cal. Code Regs. tit. 27 requirements are only applicable for waste discharged after July 18, 1997 unless otherwise noted	Cal. Code Regs. tit. 27, § 20080(b)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.



**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Remediation activities	Actions taken by or at the direction of public agencies to clean up or abate conditions of pollution or nuisance resulting from unintentional or unauthorized releases of waste or pollutants to the environment; provided that wastes, pollutants, or contaminated materials removed from the immediate place of release shall be discharged according to the SWRCB-promulgated sections of Article 2, Subchapter 2, Chapter 3, Subdivision 1 of this division (§ 20200 et seq.); and further provided that remedial actions intended to contain the wastes at the place of release shall implement applicable SWRCB-promulgated provisions of this division to the extent feasible.	Action taken by or at the direction of a public agency to cleanup release of pollutant	Cal. Code Regs. tit. 27 § 20090(d)	Relevant and appropriate	This regulation is relevant and appropriate because "public agency" is not defined in the regulations; therefore, it does not specifically apply to the federal government.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Covering portions of the soil	Closed units shall be provided with at least two permanent monuments installed by a licensed land surveyor or a registered civil engineer, from which the location and elevation of containment structures can be determined throughout the post-closure maintenance period.	Waste discharged after July 18, 1997	Cal. Code Regs. tit. 27 § 20950(d)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.
Covering portions of the soil	In spite of differential settlement, the final cover of closed landfills (including waste piles and surface impoundments closed as landfills) shall be designed, graded, and maintained to prevent ponding and to prevent soil erosion caused by high run-off velocities. All portions of the final cover shall have a slope of at least 3 percent unless the Water Board allows portions of the final cover to be built with slopes of less than 3 percent when the discharger proposes an effective system for diverting surface drainage from laterally adjacent areas	Waste management unit	Cal. Code Regs. tit. 27 § 21090(b)(1)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
	and preventing ponding in the allowed flatter portion. The final grading design shall be designed and approved by a registered civil engineer or certified engineering geologist taking into consideration pertinent natural and constructed topographic features (including any related to the proposed post-closure land use), and climate.				
Covering portions of the soil	Throughout the post-closure maintenance period, the discharger shall prevent erosion and related damage of the final cover caused by drainage.	Waste management unit	Cal. Code Regs. tit. 27 § 21090(c)(4)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Covering portions of the soil	When all closure activities are complete for the unit, the discharger shall conduct an aerial photographic survey, or alternative survey under Cal. Code Regs. tit. 27 § 21090 (e)(3), of the closed portions of the unit and of its immediate surrounding area, including at least the surveying monuments (of § 20950[d]). The data obtained shall be used to produce a topographic map of the site at a scale and contour interval sufficient to depict the as-closed topography of each portion of the unit, and to allow the early identification of any differential settlement. The map produced pursuant to this paragraph shall act as a baseline against which to measure the total settlement, through time, of all portions of the final cover since the date when that landfill, or portion thereof, was closed.	Waste management unit	Cal. Code Regs. tit. 27 § 21090(e)(1) and (3)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Excavating soil	Construction that disturbs at least 1 acre must use best management practices to control storm water discharges.	Construction activities at least 1 acre in size	SWRCB General Construction Storm Water Permit 99-08	Not an ARAR	Pursuant to CERCLA Section 121 (e) (42 USC Section 9621 (e)), on-site response actions are exempt from permit requirements, including an NPDES Permit. The State of California's General Construction Storm Water Permit (SWRCB Order No. 99-08) is such a permit. Although not an ARAR in itself, the Navy will implement the substantive provisions of this permit to comply with federal Clean Water Act ARARs and water quality State ARARs for discharge to surface water. The federal and State ARARs require BMPs and a storm water plan. The Navy will implement the BMPs and prepare a storm water plan which will include sampling and analysis requirements as required under the State general storm water permit.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>State Water Resources Control Board<sup>a</sup> (Continued)</b>					
Covering portions of the soil	<p>The final cover shall function with minimum maintenance and shall be compatible with post-closure land use.</p> <p>Alternative final cover designs shall meet the performance requirements of Cal. Code Regs. tit. 27 § 21140(a).</p> <p>The Enforcement Authority may require additional thickness, quality, and type of final cover depending on, but not limited to the future reuse of the site.</p>	Waste management unit	Cal. Code Regs. tit. 27 § 21140	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.
<b>California Integrated Waste Management Board<sup>a</sup></b>					
Covering portions of the soil	The operator shall ensure the integrity of final slopes under both static and dynamic conditions to protect public health and safety and prevent damage to post-closure land uses, roads, structures, utilities, and to prevent exposure of waste.	Waste management unit	Cal. Code Regs. tit. 27 § 21145(a)	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.



**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Covering Portions of the Soil (Continued)</b>					
<b>California Integrated Waste Management Board<sup>a</sup></b>					
Covering portions of the soil	The drainage and erosion control system shall be designed and maintained to ensure integrity of post-closure land uses, roads, and structures; to prevent public contact with waste; to prevent safety hazards; and to prevent exposure of waste. Slopes that are not underlain by waste shall be stabilized to prevent soil erosion. Methods used to protect slopes and control erosion shall include, but are not limited to, terracing, contour furrows, and trenches.	Waste management unit	Cal. Code Regs. tit. 27 § 21150	Relevant and appropriate	The Navy has determined that this regulation is an ARAR for covering portions of the soil. This regulation is relevant and appropriate because the soil cover will not be constructed as a landfill waste management unit. Instead, the cover will be constructed solely to prevent human exposure to contaminants in the soil.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
<b>Groundwater Monitoring</b>					
<b>State Water Resources Control Board<sup>a</sup></b>					
Remediation activities	Actions taken by or at the direction of public agencies to clean up or abate conditions of pollution or nuisance resulting from unintentional or unauthorized releases of waste or pollutants to the environment; provided that wastes, pollutants, or contaminated materials removed from the immediate place of release shall be discharged according to the SWRCB-promulgated sections of Article 2, Subchapter 2, Chapter 3, Subdivision 1 of this division (§ 20200 et seq.); and further provided that remedial actions intended to contain the wastes at the place of release shall implement applicable SWRCB-promulgated provisions of this division to the extent feasible.	Action taken by or at the direction of a public agency to cleanup release of pollutant	Cal. Code Regs. tit. 27 § 20090(d)	Relevant and appropriate	This regulation is relevant and appropriate to the Navy's groundwater remedial action because "public agency" is not defined in the regulations; therefore, it does not specifically apply to the federal government.

**State Action-Specific<sup>a</sup> Applicable or Relevant and Appropriate Requirements  
Record of Decision for UC-2, Hunters Point Shipyard, San Francisco, California (Continued)**

Notes:

a	Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs. Specific ARARs follow each general heading, and only substantive requirements of the specific citations are considered ARARs.
§	Section
ARAR	Applicable or relevant and appropriate requirement
Cal. Code Regs.	California Code of Regulations
CFR	Code of Federal Regulations
DTSC	Department of Toxic Substances Control
DWQ	Department of Water Quality
EPA	U.S. Environmental Protection Agency
IC	Institutional controls
ROD	Record of Decision
SWRCB	State Water Resources Control Board
TBC	To be considered
tit.	Title
U.S.C.	United States Code
Water Board	San Francisco Bay Regional Water Quality Control Board

**ATTACHMENT 2**  
**RESPONSIVENESS SUMMARY**

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## Responsiveness Summary

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Spoken Comment by Michael McGowan received at the public meeting held February 11, 2009

Comment Number	Comment	Response
1	First, could you please clarify in the document the risk scenarios and the description of residential and industrial and construction worker risk, how that relates to the eventual use of the property, and especially explain if the remedy is going to make all of the area suitable for residential use or are there some areas that won't be suitable for residential use once the remedy is put in place.	The human health risk scenarios and risk to potential residential, industrial, and construction worker receptors are described in the human health risk sections of the Final Parcel C Feasibility Study (SulTech 2008). Each human health risk scenario corresponds to the city's future reuse scenario for the redevelopment block. The applicable remedial goal for an area is based on the future reuse scenario for the redevelopment block. Based on the future reuse, Parcel UC-2 will be remediated to residential cleanup goals.
2	Second, as I understand, Parcel C is going to be an early—transfer parcel. So I'd like the Navy to please explain how the continuity and the consistency in the remediation that's being described here is going to be ensured or carried on once the property is transferred over and some other entity actually does the remedy.	The remedy for Parcel UC-2 will be finalized in the remedial design for Parcel UC-2 after the Parcel UC-2 Record of Decision (ROD) is signed. Under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process, the transferee will be responsible for carrying out the remedy for Parcel UC-2 under continued regulatory agency oversight.
3	And my last comment is: The radiological work appears to be on its own track, separate from the soil and groundwater remediation. So I would just request that there be a little more discussion of how that's going to be coordinated with the soil and groundwater remediation. Especially if there's an early transfer, does the Navy still maintain responsibility for the radiological work, or will that also be transferred over.	<p>The Navy is continuing to address radiological cleanup under CERCLA. The Navy decided to address radiologically impacted storm drains and sanitary sewers at Parcel UC-2 pursuant to a CERCLA time-critical removal action (TCRA). Although the TCRA may not be completed by the time the ROD is signed, the TCRA is intended to achieve cleanup goals that are identical to the remedial action objectives (RAO) identified in the ROD. In the event that the TCRA does not achieve the cleanup goals, cleanup will continue in accordance with the remedial action selected in the ROD until the RAOs are achieved.</p> <p>The Navy will coordinate the radiological surveys and removals with remediation work for Parcel UC-2 so that the radiological surveys and removals are completed before soil and groundwater remedies are put in place.</p>

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Spoken Comments by John McCarthy received at the public meeting held February 11, 2009

Comment Number	Comment	Response
1	I would like to know how one acquires the information that Mr. McGowan just cited and -- you know, as a follow-on issue. And also, I am still waiting for the information on early—transfer provisions as they differ from regular transfer process. I've been waiting probably for six months now for that information. I was told several times it would be forwarded by email, and I haven't seen anything yet. I have yet to look up the construction report details per IR-07 and 18 from Parcel B, and I'm looking and waiting for whatever detail may be available for the engineering reports that are supposed to be delivered on prospective construction for -- for example, in Parcel D.	<p>The Final Feasibility Study Report for Parcel C (SulTech 2008) is available for review at the public information repositories. Information on the early transfer process also is available by contacting the U.S. Environmental Protection Agency (EPA) and through the Navy website:</p> <p><a href="http://www.bracpmo.navy.mil/basepage.aspx?baseid=45&amp;state=California&amp;name=hps">http://www.bracpmo.navy.mil/basepage.aspx?baseid=45&amp;state=California&amp;name=hps</a></p> <p>This ROD is for Parcel UC-2 only. For information on Installation Restoration (IR) sites in other parcels at Hunters Point Shipyard, please visit the public information repositories or contact Mr. Keith Forman, Navy Base Realignment and Closure (BRAC) Environmental Coordinator.</p>



## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Spoken Comments by Tom Lanphar, California Department of Toxic Substances Control (DTSC), at the public meeting held February 11, 2009

Comment Number	Comment	Response
1	Also, I'd like to point out that Parcel C is one of the more complicated and contaminated areas of the base. And the remedy that is proposed includes soil vapor extraction for VOCs [volatile organic compounds]; it includes groundwater treatment through biological or chemical additives; it includes soil removal; and it includes a cover. I'd like to mention that DTSC strongly supports the placement of the cover as part of the soil remedy. I'd also like to thank the Navy for the work and the struggle that we all at the BCT established and came up with this Proposed Plan on Parcel C.	Comment noted.
2	And finally, in the radiological cleanup and the radiological remediation goals, I would like that the ROD is clear that the radiological cleanup goals are based on residential cleanup and that the table that's often in the RODs not include construction worker as remedial action goals. That's not part of our remedial action goals as construction workers. I would like clarity in the ROD.	All radiologically impacted soils will be remediated according to residential remediation goals. The radiological remediation goals for construction workers were deleted from the ROD.

## Responsiveness Summary (Continued)

<p style="text-align: center;"><b>Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard</b></p> <p style="text-align: center;">(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)</p>		
<p><b>Written Comments by Tom Lanphar, California DTSC, received February 27, 2009 by email</b></p>		
<b>Comment Number</b>	<b>Comment</b>	<b>Response</b>
1	<p>Page 16, Soil (Alternative S-5)</p> <p>The Parcel C Proposed Plan preferred alternative for soil proposes leaving in place soil exceeding soil remediation goals for metals, PAHs and PCBs. These contaminants are not associated with the ubiquitous metals associated with fill material quarried from local rock and soil. The proposed plans states:</p> <p style="padding-left: 40px;">"Elevated levels of metals, PAHs and PCB[s] are located in five areas under portions of buildings 134, 231, 272, 275, and 281. These areas are currently covered by concrete slabs which serve as remedial covers. Demolition of the slabs and excavation into the underlying soil must be approved as provided under the "Restricted Activities" provisions of Insert 1."</p> <p>DTSC disagrees with the Navy's proposal to leave contaminated soil in place under existing covers. The reference in the quoted text to the need for future approvals under the "Restricted Activities" provisions of Insert 1 does not provide any additional requirements or protections than are otherwise required for all of Parcel C. Further, "Restricted Activities" does not require that future land owners excavate and dispose of contaminated soil exceeding remediation goals at these five locations. The proposal to leave this contaminated soil in place reduces long-term effectiveness and is inconsistent with the Navy's remedy as stated in the first section of this Proposed Plan: "Installing soil cover to prevent contact with metals (found throughout the fill material quarried from local rock and soil) in areas that were not excavated." DTSC understands that these buildings are slated for demolition during the redevelopment of Hunters Point. Excavation</p>	<p>This comment applies to Parcel C only and will be addressed in the Parcel C ROD.</p>

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comments by Tom Lanphar, California DTSC, received February 27, 2009 by email

Comment Number	Comment	Response
1 (Continued)	of this soil after demolition is a practical and protective soil remedial action. In order to obtain DTSC concurrence on the Parcel C Record of Decision (ROD), DTSC requires that the Parcel C ROD include excavation and disposal of soil exceeding remediation goals in these five areas. The excavation and disposal; however, can occur after early transfer of Parcel C and after the buildings are demolished.	
2	Table 7, Preliminary Remediation Goals for Radionuclides In the Parcel C ROD, please do not include Construction Worker remediation goals. Soil must meet residential remediation goals in order for the Navy to obtain 'free release' of soil areas. DTSC's understanding is that there is no application of Construction Worker remedial goals in the preferred radiological remedy.	All radiologically impacted soils will be remediated according to residential remediation goals. The radiological remediation goals for construction workers were deleted from the ROD.

## Responsiveness Summary (Continued)

<p style="text-align: center;"><b>Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard</b></p> <p style="text-align: center;">(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)</p>		
Written Comments by California Department of Public Health (CDPH), received February 27, 2009 by e-mail		
Comment Number	Comment	Response
1	Table 7, Addition of the following footnote "a" to the Soil Resident column in the table: "All radiologically impacted soils in this parcel will be remediated according to Residential Remediation Goals."	A note was added in Table 5, Remediation Goals for Radionuclides, in the ROD to state, "All radiologically impacted soils will be remediated according to residential remediation goals."
2	<p>The California Department of Public Health (CDPH) believes that California Code of Regulations (Cal. Code Regs.) tit. 17 section 30256 meets the criteria for a potential state chemical-specific ARAR and therefore should be included in the list of ARARs for this parcel. The Navy has previously indicated that Cal. Code Regs. tit. 17 section 30256 cannot be an ARAR as it is primarily procedural in nature. However, this regulation is also substantive, at least in part. In particular, subdivision (k) does provide a standard for clean up of radioactive material. The text of Cal. Code Regs. tit. 17 30256(k) is as follows: "(k) Specific licenses shall be terminated by written notice to the licensee when the Department determines that: (1 ) Radioactive material has been properly disposed; (2) Reasonable effort has been made to eliminate residual radioactive contamination, if present; and (3) A radiation survey has been performed which demonstrates that the premises are suitable for release for unrestricted use; or other information submitted by the licensee is sufficient to demonstrate that the premises are suitable for release for unrestricted use." THE REGULATION IS ALSO MORE STRINGENT THAN ANY OTHER RADIOLOGIC-SPECIFIC ARAR.</p> <p>In addition, while the title of the regulation is "Vacating Installations: Records and Notices," the regulation meets the criteria of "relevant and appropriate." The Department is aware that the regulation does not provide a numerical standard, however, a state regulation need not contain a numerical standard in order to be considered an</p>	<p>A state requirement must be more stringent than federal requirements to qualify as a state applicable or relevant and appropriate requirement (ARAR) under CERCLA and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). See Title 40 Code of Federal Regulations (CFR) Sections 300.400(g)(4) and 300.515(h)(2). It is the responsibility of the state to identify any potential state ARARs that it believes are more stringent than federal ARARs and federal risk-based cleanup levels and to demonstrate why they are more stringent. Neither the Department of Toxic Substances Control (DTSC) nor the California Department of Public Health (CDPH) has prepared and submitted such an analysis and demonstration.</p> <p>Furthermore, the requirements in this regulation appear to be procedural, primarily relating to license termination, rather than substantive requirements. A requirement must be substantive rather than procedural to qualify as an ARAR (see definitions of "applicable" and "relevant and appropriate" in the NCP at Section 300.5.) The ROD was not changed as a result of this comment.</p> <p>The ARARs for Parcel UC-2 were not changed as a result of this comment.</p>

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comments by California Department of Public Health (CDPH), received February 27, 2009 by e-mail

Comment Number	Comment	Response
2 (Continued)	ARAR. Furthermore, the CDPH has been ordered to use that regulation by a California judge who held that the "the standard in California for decommissioning and termination of licenses for radioactive sites is found in Cal. Code Regs. tit. 17 section 30256 ..." (Committee to Bridge the Gap v. Bonta et. al, Sacramento County Superior Court, Case No 01 CS01445, "Order Requiring Supplemental Return to Amended Peremptory Writ", August 27, 2002.)	<p>A state requirement must be more stringent than federal requirements to qualify as a state ARAR under CERCLA and the NCP. See Title 40 CFR Sections 300.400(g)(4) and 300.515(h)(2). It is the responsibility of the state to identify any potential state ARARs that it believes are more stringent than federal ARARs and federal risk-based cleanup levels and to demonstrate why they are more stringent. Neither DTSC nor CDPH has prepared and submitted such an analysis and demonstration.</p> <p>Furthermore, the requirements in this regulation appear to be procedural, primarily relating to license termination, rather than substantive requirements. A requirement must be substantive rather than procedural to qualify as an ARAR (see definitions of "applicable" and "relevant and appropriate" in the NCP at Section 300.5.) The ROD was not changed as a result of this comment.</p> <p>The ARARs for Parcel UC-2 were not changed as a result of this comment.</p>

## Responsiveness Summary (Continued)

<p style="text-align: center;"><b>Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard</b></p> <p style="text-align: center;">(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)</p>		
Written Comments by Amy D. Brownell, City and County of San Francisco and Lennar, received February 27, 2009 by email		
Comment Number	Comment	Response
1	We would like to point out for the record, that once the engineering controls and institutional controls are properly installed and maintained the current design of the proposed remedies will cut off pathways for: a) contact with soil contaminants and b) inhalation of indoor VOC vapors and this means that the entire property will be health protective for all types of uses.	The proposed remedial alternatives are specific to the reuse identified for each area. Future residents would be protected in areas currently identified for industrial or recreational reuse only by consistent enforcement of the activity restrictions described by the proposed institutional controls (IC). For example, the area requiring institutional controls (ARIC) for vapor intrusion would need to be maintained in areas currently identified as open space (unless the ARIC could be modified by new data for soil gas). The Navy believes that the proposed remedy would result in an environment that would not pose health risks for future residents. However, future reuse would not necessarily be unrestricted as a result. The following text was included on the second page of the Proposed Plan to note the general protectiveness of the planned revised remedy: <i>"The alternatives described in this Proposed Plan, including operation and maintenance and ICs, will be protective of human health and the environment and will meet the specified cleanup objectives."</i>
2	Soil gas RAOs should be included in the ROD. If the establishment of chemical-specific soil gas remediation goals is delayed until after the ROD, then the cost for this evaluation and regulatory process needs to be added to the ROD.	The Navy has established remediation goals for indoor inhalation of vapors from groundwater. Numeric action levels for volatile organic compounds (VOC) in soil gas will not be established in the ROD, but rather may be set using information used to identify chemicals of concern (COC) from soil gas surveys that may be conducted in the future. The Navy is preparing a draft approach for developing soil gas action levels for vapor intrusion exposure for review by the BRAC Cleanup Team (BCT).  The ROD was not changed as a result of this comment.
3	<b>Page 5, Previous Removal Actions and Current Conditions, Paragraph 2, second sentence:</b> Should be referring to SVE at Building 134 not 123, which is on Parcel B.	This comment applies to Parcel C only and will be addressed in the Parcel C ROD.



## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comments by Amy D. Brownell, City and County of San Francisco and Lennar, received February 27, 2009 by email

Comment Number	Comment	Response
4	<p><b>Page 16, Preferred Alternatives, fourth paragraph:</b> This paragraph discusses elevated levels of metals, PAHs and PCBs under five buildings. The paragraph states "These areas are currently covered by concrete slabs which serve as remedial covers. Demolition of the slabs and excavation into underlying soil must be approved as provided under "Restricted Activities"..." Because these five areas are specifically mentioned in the Proposed Plan, the implication is that these areas are different than the rest of the parcel that also requires approval for any excavation under "Restricted Activities". The statement leaves it unclear what will be required to obtain approval for excavation under these five buildings.</p> <p>If the intent is these areas will require at least sampling and possibly removal and disposal of contaminated soil, then the ROD should make that clear.</p>	<p>This comment applies to Parcel C only and will be addressed in the Parcel C ROD.</p>
5	<p><b>Page 18, Groundwater (Alternative GW-3B)</b> – The proposed plan states "Soil gas surveys will be conducted following completion of the groundwater remedies and the data will be used to refine the vapor intrusion risk calculations." This is a valid statement for areas that contain contaminated groundwater that will undergo groundwater treatment.</p> <p>However, there are other soil gas surveys that will be needed on Parcel C. Since the entire parcel is an ARIC for VOC vapors (as stated on page 23) the only method to remove the restrictions is to either conduct soil gas sampling or get regulatory approval to allow a review of historical information to verify the lack of soil vapor hazards. In addition to your sentence above, please include the following language in the Parcel C ROD that was negotiated for the Parcel B ROD:</p>	<p>The paragraph in question was replaced as follows in Section 2.9.2 Description of Selected Remedy, in the ROD:</p> <p>"A soil gas survey may be conducted for the following purposes:</p> <ul style="list-style-type: none"> <li>• "To evaluate potential vapor intrusion risks,</li> <li>• "To identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of <math>10^{-6}</math>),</li> <li>• "To identify where the initial areas requiring institutional controls (ARIC) for VOCs would be retained and where they would be released, and</li> <li>• "To evaluate the need for additional remedial action to remove ARICs."</li> </ul>

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comments by Amy D. Brownell, City and County of San Francisco and Lennar, received February 27, 2009 by email

Comment Number	Comment	Response
5 (Continued)	<p>A soil gas survey may be conducted in the future for the following purposes:</p> <ul style="list-style-type: none"><li>• To evaluate potential vapor intrusion risks,</li><li>• To identify COCs for which risk-based numeric action levels for VOCs in soil gas would be established (based on a cumulative risk of <math>10^{-6}</math>),</li><li>• To identify where the initial areas requiring institutional controls (ARIC) for VOCs would be retained and where they would be released, and</li><li>• To evaluate the need for additional remedial action in order to remove ARICs.</li></ul>	

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comment from Ronald Young, Young Laboratories, received by mail

Comment Number	Comment	Response
1	"Why do you not dig canals all thru Parcel C then place bridges and requisite infrastructure so as to make a neighborhood with shops and restaurants much like Vinice [sic], Italy."	The Navy's Proposed Plan addresses environmental cleanup of existing conditions at Parcels UC-2 and C. Please direct questions or comments about redevelopment of Parcels UC-2 and C to the City and County of San Francisco.

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comment from Juan Monsanto received by mail

Comment Number	Comment	Response
1	"Good morning. Please change my address to 1814 Castro Street, San Francisco, CA 94131, rather than 1815 Egbert (?). Thanks, Juan."	The change was made to the mailing list.

## Responsiveness Summary (Continued)

### Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard

(Responses are for Parcel UC-2 only. Responses for Parcel C will be provided separately in the Parcel C Record of Decision.)

Written Comment from Bob Craft Sr., Craft Press, Inc., received by mail

Comment Number	Comment	Response
1	"Please include me in your bid list for printing this publication, as we have presses that produce these booklets (mail pieces) at a savings to this current booklet of 1-29-09. Thank you."	The comment does not address the content of the proposed plan. No response is provided.

### Reference

SulTech. 2008. "Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California." July 31.

**ATTACHMENT 3**  
**REFERENCES**

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(Reference documents provided on CD only)



Item	Reference or Phrase in ROD	Location in ROD	Identification of Referenced Document Available in the Administrative Record <sup>1</sup>
1	Parcel C	Section 2.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.2.1, page 2-9.
2	Parcel UC-2	Section 2.1	Draft Final Proposed Plan for Parcels C and UC-2, Hunters Point Shipyard, San Francisco, California. Department of the Navy. January 2009. Page 1.
3	IR site	Section 2.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.1.3, page 2-3.  Draft Final Parcel B Remedial Investigation Report, Hunters Point Shipyard, San Francisco, California. PRC Environmental Management, Inc., Levine-Fricke-Recon, Inc. (LFR), and Uribe & Associates (U&A). June 3, 1996. Section 4.4, pages 4-28 and 4-29.
4	Hydrostratigraphic units	Section 2.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.2.8.1, pages 2-13 to 2-15 and Figures 2-13 and 2-14
5	Drinking water	Section 2.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.2.9, pages 2-17 to 2-21.
6	Parcel UC-2 ecology	Section 2.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.2.5, page 2-11.
7	Samples	Table 1	Draft Final Parcel B Remedial Investigation Report, Hunters Point Shipyard, San Francisco, California. PRC Environmental Management, Inc. (PRC), Levine-Fricke-Recon, Inc. (LFR), and Uribe & Associates (U&A). June 3, 1996. Tables 4.4-1 to 4.4-8.
8	RMR results	Table 1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.1.4.2, page 2-6.
9	Impacted or non-impacted	Table 1	Final Historical Radiological Assessment, Volume II, History of the Use of General Radioactive Materials, 1939 – 2003, Hunters Point Shipyard, San Francisco, California. Naval Sea Systems Command. August 31, 2004. Section 1.2, Page 1-2 and 1-3.
10	Metals	Section 2.3	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.3.1.1, page 2-23 and 2-24.
11	VOCs	Section 2.3	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 2.4.4, page 2-38.
12	Radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures	Section 2.3	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Executive Summary, pages ES-2 and ES-3.
13	Reuses	Section 2.4	Hunters Point Shipyard Redevelopment Plan. City and County of San Francisco. Section IIB and Map 1. San Francisco Redevelopment Agency. July 14, 1997.
14	Human health CSM	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix C, Section C3.0, Figure C-1.
15	HHRA	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix C, Section C5.0, pages C-16 to C-24.

Item	Reference or Phrase in ROD	Location in ROD	Identification of Referenced Document Available in the Administrative Record <sup>1</sup>
16	Cancer risks and noncancer hazards	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix C, Section C7.0, pages C-27 to C-32.
17	Total and incremental risks	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Sections 3.1.2 and 3.1.3, pages 3-4 to 3-9.
18	Revised HHRA results	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Tables 3-4, 3-7, 3-10, and 3-13 through 3-15.
19	Radiological risks	Section 2.5.1	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Table 3-4.
20	Combined chemical and radiological risks	Section 2.5.1	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Tables 3-5 and 3-6.
21	Assumptions and uncertainties	Section 2.5.1	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix C, Section C9.0, pages C-43 to C-46.
22	Environmental impacts to the San Francisco Bay	Section 2.5.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix G.
23	Soil	Section 2.5.3	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Figures 3-2 through 3-7.
24	Groundwater	Section 2.5.3	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Figures 3-8 and 3-9.
25	Radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures	Section 2.5.3	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Tables 3-4 to 3-6.
26	Radionuclides of concern	Section 2.5.3	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Table 2-1.
27	Remedial action objectives (RAO)	Section 2.7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 4.1, page 4-1.
28	GRAs	Section 2.8	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 4.3, pages 4-18 to 4-32.
29	Preliminary remedial alternatives	Section 2.8	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 5.0, pages 5-1 to 5-18.
30	Nine evaluation criteria	Section 2.8.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 6.0, pages 6-1 and 6-2.
31	Present-Worth Cost: \$248,000	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-1 and F-2A.
32	Present-Worth Cost: \$248,000	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-1 and F-4A.

Item	Reference or Phrase in ROD	Location in ROD	Identification of Referenced Document Available in the Administrative Record <sup>1</sup>
33	<b>Present-Worth Cost: \$418,000</b>	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-1 and F-6A.
34	<b>Present-Worth Cost: \$418,000</b>	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-1 and F-6A.
35	<b>Present-Worth Cost: \$508,000</b>	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-9 and F-11A.
36	<b>Present-Worth Cost: \$508,000 / \$508,000</b>	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Tables F-13A and F-15A.
37	<b>Present-Worth Cost: \$508,000</b>	Table 7	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Appendix F, Table F-17A.
38	<b>Present-Worth Cost: \$1,077,000</b>	Table 7	Final Radiological Addendum to the Revised Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC, Inc. June 20, 2008. Appendix B, Section 6.9, pages B.6-5 and B.6-6.
39	<b>Dust control measures</b>	Section 2.9.2	Final Basewide Dust Control Plan, Hunters Point Shipyard, San Francisco, California. Tetra Tech EC Inc. June 12, 2009.
40	<b>ICs</b>	Section 2.9.2	Final Feasibility Study Report for Parcel C, Hunters Point Shipyard, San Francisco, California. SulTech. July 31, 2008. Section 4.3.2.1, pages 4-20 to 4-23.
41	<b>IR Program website</b>	Section 2.10	<a href="http://www.bracpmo.navy.mil/">http://www.bracpmo.navy.mil/</a>

#### Notes

<sup>1</sup> Bold blue text indicates hyperlinks available on reference CD to detailed site information contained in the publicly available Administrative Record.

For access to information contained in the Administrative Record for Hunters Point Shipyard, please contact:

Diane Silva  
Code EVR-FISC Bldg. 1, 3<sup>rd</sup> Floor  
Naval Facilities Engineering Command Southwest  
937 N. Harbor Drive  
San Diego, CA 92312  
619-532-3676

**ATTACHMENT 4**  
**ADMINISTRATIVE RECORD INDEX**

## HUNTER'S POINT

## DRAFT ENVIRONMENTAL RESTORATION RECORD INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

## REQUESTED INDEX

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipent Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient				CD No.	FRC Box No(s)	
N00217 / 000230	11-18-1999	HARDING	SCOPING DOCUMENT FOR THE REMEDIAL	ADMIN RECORD	005	FRC - PERRIS	181-07-0027	BOX 0004
2176,121.02	03-03-1988	LAWSON	INVESTIGATIONS/FEASIBILITY STUDIES		006		30093199	
REPORT	NONE	ASSOCIATES	(RI/FS), VOLUME I (SEE AR #231 - VOLUME II)		007	IMAGED		
NONE	00.0	S. FARLEY			008	HPNT_026		
132		NAVFAC - EFA			009			
		WEST			010			
					011			
					012			
					013			
					014			
					015			
					016			
					017			
					018			
					PARCEL A			
					PARCEL B			
					SITE 00001			
					SITE 00002			
					SITE 00003			
					SITE 00004			

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000229	11-18-1999	NAVFAC -	RESPONSE TO COMMENTS ON THE DRAFT	ADMIN RECORD	005	FRC - PERRIS	181-07-0027	BOX 0004	
SWDIV SER	03-08-1988	SOUTHWEST	SCOPING DOCUMENT		006		30093199		
1146/HP/DOHS	NONE	DIVISION			007	IMAGED			
CORRESPONDENC	00.0	P. DRENNON			008	HPNT_026			
NONE		DHS			009				
20		D. HOENIG			011				
					PARCEL A				
					PARCEL B				
					SITE 00001				
					SITE 00002				
					SITE 00003				
					SITE 00004				
N00217 / 000817	11-18-1999	NAVFAC - EFA	RELEASE NO. 11 - COMMUNITY MEETING	ADMIN RECORD	006	FRC - PERRIS	181-07-0027	BOX 0032	
NONE	04-14-1989	WEST	NOTICE, REMOVAL ACTIONS (RM) FOR		009		30093199		
INFO	NONE		TANK S-505, PICKLING AND PLATE YARD,		011	IMAGED			
NONE	00.0	PUBLIC INTEREST	TANK FARM, AND BUILDING 521 POWER		PARCEL B	HPNT_002			
8			PLANT		SITE 00002				
N00217 / 001154	11-18-1999		DRAFT AIR MODELING AND RISK	ADMIN RECORD	006	CHOICE IMAGING			
NONE	02-01-1990	CARVER, J.	ASSESSMENT OF AIRBORNE		009	SOLUTIONS			
REPORT	NONE		CONTAMINANTS DURING PROPOSED		PARCEL A	SW06020901			
NONE	00.0		REMOVAL ACTIONS (RA) AT THE TANK		PARCEL B				
500			FARM AND PICKLING AND PLATE YARD						
N00217 / 001235	11-18-1999	HARDING	DRAFT INTERIM REPORT, PHASE 1,	ADMIN RECORD	PARCEL B	CHOICE IMAGING			
JOB NO.	04-05-1990	LAWSON	PRIMARY REMEDIAL INVESTIGATION TANK		SITE 00006	SOLUTIONS			
02176,256.02	NONE	ASSOCIATES	FARM			SW-20090522-6/7			
REPORT	00.0	MICHELSSEN, C.							
NONE		NAVFAC -							
50		WESTERN							
		DIVISION							

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guld. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)
N00217 / 001261 SER 181RP/00296 CORRESPONDENC NONE 0	11-18-1999 <b>04-09-1990</b> NONE 00.0	NAVY MICHLIN, L. DTSC - BERKELEY, CA HATAYAMA, H.	TRANSMITTAL OF THE DRAFT INTERIM REPORT, PHASE 1, PRIMARY REMEDIAL INVESTIGATION (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B SITE 00006	CHOICE IMAGING SOLUTIONS SW-20090522-6/7	
N00217 / 001270 HLA NO. 02176, 248.02 REPORT NONE 434	11-18-1999 <b>04-16-1990</b> NONE 00.0	HARDING LAWSON ASSOCIATES  NAVFAC - EFA WEST	DRAFT REMOVAL ACTION FOR TANK FARM, VOLUME I - WORK PLAN (SEE AR #1533 - DRAFT ADDENDUM AND AR #1789 - DRAFT ADDENDUM NO. 1)	ADMIN RECORD	006 PARCEL B	FRC - PERRIS  IMAGED HPNT_028	181-07-0027 BOX 0034 30093199
N00217 / 001280 WDIV SER 1811RP/00286 CORRESPONDENC NONE 0	11-18-1999 <b>04-18-1990</b> NONE 00.0	NAVFAC - WESTERN DIVISION MICHLIN, L. DHS - BERKELEY, CA HATAYAMA, H.	TRANSMITTAL OF THE DRAFT REMOVAL ACTION AT THE TANK FARM, VOLUME 1 - WORK PLAN (W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B SITE 00006	CHOICE IMAGING SOLUTIONS SW-20090619-1/9	
N00217 / 001304 NONE REPORT N62474-88-D-5086 135	11-18-1999 <b>05-29-1990</b> CTO 0031 00.0	PRC ENVIRONMENTAL MANAGEMENT, INC. WALD, S. NAVFAC - WESTERN DIVISION	DRAFT CLOSURE PLAN / REMOVAL ACTION PLAN FOR 23 UNDERGROUND STORAGE TANKS (UST)	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B	FRC - PERRIS  IMAGED HPNT_003	181-07-0027 BOX 0034 30093199
N00217 / 001465 SER 1811JC/00486 & HLA JOB NO. 02176, 248.02 REPORT NONE 459	11-18-1999 <b>09-13-1990</b> NONE 00.0	HARDING LAWSON ASSOCIATES LUCAS, M. NAVFAC - EFA WEST	REMOVAL ACTION FOR TANK FARM , VOLUME I - WORK PLAN (INCLUDES EFAW TRANSMITTAL LETTER BY M. MIGUEL)	ADMIN RECORD	006 PARCEL B	FRC - PERRIS  IMAGED HPNT_003	181-07-0027 BOX 0035 30093199



UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipent Affil.	Author	Record Type	Record Date	Recipent	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipent	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001483 NONE CORRESPONDENC NONE 1	11-18-1999 09-18-1990 NONE 00.0	BAAQMD S. LUTZ NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE AIR MODELING AT THE TANK FARM AND PICKLING AND PLATE YARD	ADMIN RECORD	006 009 PARCEL B	FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0035
N00217 / 001485 SER 1811JC/00486 CORRESPONDENC NONE 3	11-18-1999 09-18-1990 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL DHS H. HATAYAMA	SUBMISSION OF WORK PLAN (WP) FOR REMOVAL ACTION (RM) AT TANK FARM (W/OUT ENCLOSURE)	ADMIN RECORD	006 PARCEL B	FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0035
N00217 / 001573 NONE CORRESPONDENC NONE 2	11-18-1999 10-30-1990 NONE 00.0	DHS - BERKELEY, CA COX, D. NAVFAC - EFA WEST SARMIENTO, E.	APPROVAL OF VOLUME 1 - FINAL WORK PLAN REMOVAL ACTION FOR TANK FARM	ADMIN RECORD	006 PARCEL B	CHOICE IMAGING SOLUTIONS SW06022301		
N00217 / 001619 NONE CORRESPONDENC NONE 22	11-18-1999 11-23-1990 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA FLIPPO, C. NAVFAC - EFA WEST SARMIENTO, E.	COMMENTS ON DRAFT ADDENDUM TO REMOVAL ACTION WORK PLAN FOR TANK S-505 AND DRAFT ADDENDUM TO REMOVAL ACTION WORK PLAN FOR TANK FARM	ADMIN RECORD	006 PARCEL B TANK S-505	CHOICE IMAGING SOLUTIONS SW06022302		
N00217 / 001666 NONE REPORT NONE 61	11-18-1999 12-06-1990 NONE 00.0	HARDING LAWSON ASSOCIATES C. MICHELSEN NAVFAC - EFA WEST J. CARVER	DRAFT SUMMARIES 1ST GROUNDWATER SAMPLING	ADMIN RECORD	006 008 009 PARCEL B	FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0036

UIC No. / Rec. No.	Prc. Date	Author Affil.							
Doc. Control No.	Record Date	Author					Location		FRC Accession No.
Record Type	CTO No.	Recipient Affil.					SWDIV Box No(s)		FRC Warehouse
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N00217 / 001725 NONE CORRESPONDENC NONE 0	11-18-1999 12-11-1990 NONE 00.0	NAVY	DRAFT SUMMARIES 1ST GROUNDWATER SAMPLING AT SITES IR-6, IR-8 AND 9	MISSING @ SWDIV	006 008 009		NAVFAC SOUTHWEST - BLDG. 1		
N00217 / 001771 NONE CORRESPONDENC NONE 8	11-18-1999 12-20-1990 NONE 00.0	DHS M. MALINOWSKI NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON THE 1ST ROUND GROUNDWATER SAMPLING	ADMIN RECORD	006 008 009 PARCEL B		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0036
N00217 / 001790 SER 1811RP/00580 CORRESPONDENC NONE 13	11-18-1999 01-02-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON THE INTERIM REPORTS	ADMIN RECORD	006 008 009 PARCEL B		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0036
N00217 / 002035 SER 1811JC/00661 CORRESPONDENC NONE 5	11-18-1999 04-17-1991 NONE 00.0	NAVFAC - EFA WEST M. MIGUEL U.S. EPA C. FLIPPO	RESPONSE TO COMMENTS ON THE AIR MODEL/RISK ASSESSMENT REMEDIAL ACTION PLAN PICKLNG AND PLATE YARD, TANK FARM	ADMIN RECORD	006 009 PARCEL B		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002080 NONE CORRESPONDENC NONE 5	11-18-1999 05-08-1991 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA FILIPPO, C. NAVFAC - EFA WEST LEW, L.	COMMENTS DRAFT PLANS AND SPECIFICATIONS FOR REMOVAL ACTION AT THE TANK FARM	ADMIN RECORD	006 PARCEL B		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0037

UIC No. / Rec. No.	Prc. Date	Author Affil.							
Doc. Control No.	Record Date	Author					Location		FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)		FRC Warehouse
Contr./Guld. No.	CTO No.	Reclpient Affil.					CD No.		FRC Box No(s) —
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites				
N00217 / 002119 WDIV SER 1811RP/00715 CORRESPONDENC NONE 0	11-18-1999 <b>05-31-1991</b> NONE 00.0	NAVFAC - WESTERN DIVISION MIGUEL, M. VARIOUS AGENCIES	TRANSMITTAL OF 1) IDENTIFICATION OF EXPOSURE PATHWAYS, BASELINE PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION, 2) IDENTIFICATION OF EXPOSURE PATHWAYS FOR OPERABLE UNIT II, BASELINE PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION, AND ***SEE COMMENTS	ADMIN RECORD	OU II PARCEL A PARCEL B SITE 00006 SITE 00009 SITE 00010		CHOICE IMAGING SOLUTIONS SW-20090702-1/7		
N00217 / 002148 NONE CORRESPONDENC NONE 1	11-18-1999 <b>06-11-1991</b> NONE 00.0	DHS W. BROWN NAVFAC - EFA WEST E. SARMIENTO	COMMENTS ON RESPONSE AIR MODEL FOR TANK FARM, PICKLING AND PLATE YARD	ADMIN RECORD	006 009 PARCEL B		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0037
N00217 / 002215 NONE REPORT N62474-88-D-5086 300	11-18-1999 <b>07-08-1991</b> 00101 00.0	PRC ENVIRONMENTAL MANAGEMENT, INC. WALD, S. NAVFAC - EFA WEST	DRAFT FINAL REMOVAL ACTION/TANK ABANDONMENT PLAN	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B		CHOICE IMAGING SOLUTIONS SW06022302		
N00217 / 002566 SER 1811WW/L3023 CORRESPONDENC NONE 17	11-18-1999 <b>10-16-1992</b> NONE 00.0	NAVFAC - EFA WEST MIGUEL, M.  TAKATA, K.	SUBMISSION OF PROPOSED SCHEDULES, PARCELS A, B, C, D, E AND ASSUMPTIONS; INTERIM ACTION SCHEDULES FOR OPERABLE UNIT (OU) II AND GROUP V SITES	ADMIN RECORD	GROUP V OU 0002 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E		FRC - PERRIS  IMAGED HPNT_003	181-07-0027 30093199	BOX 0040
N00217 / 002582 EFAW SER 1811WW/L3107 CORRESPONDENC NONE 21	11-18-1999 <b>12-04-1992</b> NONE 00.0	NAVFAC - EFA WEST G. KATZ U.S. EPA - SAN FRANCISCO K. TAKATA	POINT BY POINT RESPONSE TO AGENCIES' COMMENTS, REVISED SCHEDULING ASSUMPTIONS, REVISED SCHEDULES FOR PARCELS A, B, C, D, E	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E		FRC - PERRIS  IMAGED HPNT_014	181-07-0027 30093199	BOX 0040

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N00217 / 002926 NONE CORRESPONDENC NONE 3	11-18-1999 09-27-1993 NONE 00.0	DTSC	COMMENTS ON PARCEL C DATA PRESENTATION OF 31 AUGUST 1993	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0047
N00217 / 002927 NONE CORRESPONDENC NONE 27	11-18-1999 10-19-1993 NONE 00.0	HARDING LAWSON ASSOCIATES	PARCEL C SITE INSPECTION (SI) VOLUME III AND UST DATA PRESENTATION	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0047
N00217 / 002896 HLA PROJECT NO. 11400 0706 REPORT NONE 522	11-18-1999 10-22-1993 NONE 00.0	HARDING LAWSON ASSOCIATES  NAVFAC - EFA WEST	DRAFT CONSTRUCTION SUMMARY REPORT TANK FARM REMOVAL ACTION	ADMIN RECORD	006 PARCEL B	FRC - PERRIS  IMAGED HPNT_027	181-07-0027 30093199	BOX 0045
N00217 / 002909 NONE CORRESPONDENC NONE 10	11-18-1999 11-05-1993 NONE 00.0	NAVY	SUBMISSION OF FEDERAL FACILITY AGREEMENT (FFA) REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) SCHEDULES FOR PARCELS B/DRY DOCK 4 AND C (W/ ENCLOSURE)	ADMIN RECORD	057 DRY DOCK 4 PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0046
N00217 / 000127 NONE CORRESPONDENC N62474-88-D-5086 74	08-30-2000 11-30-1993 00276	PRC ENVIRONMENTAL MANAGEMENT  NAVFAC - SOUTHWEST DIVISION	REMEDIAL INVESTIGATION (RI)/FEASIBILITY STUDY (FS) FIELD WORK AND ANALYSIS WORK PLAN	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0002

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Author	Record Type	Record Date	Recipient	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 002935 NONE REPORT NONE 72	11-18-1999 12-17-1993 NONE 00.0	NAVY	RI WORK PLANS FOR PARCEL B AND C INCLUDING UST SITES MINUTES, ATTENDEES, RI WORK PLANS (WP)	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0047
N00217 / 002936 NONE CORRESPONDENC NONE 0	11-18-1999 12-29-1993 NONE 00.0	NAVY	SUBMISSION OF RI WORK PLANS FOR PARCEL B AND C INCLUDING UST SITES MINUTES, ATTENDEES, RI WORK PLAN (WP)	ADMIN RECORD	PARCEL B PARCEL C	NAVFAC SOUTHWEST - BLDG. 110 TO BE DELETED		
N00217 / 002937 NONE CORRESPONDENC NONE 6	11-18-1999 12-29-1993 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA SEID, R. NAVFAC - EFA WEST MCCLELLAND, M.	COMMENTS ON THE UNDERGROUND UTILITIES SITE INSPECTION (SI) DATA PRESENTATION	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0047
N00217 / 002916 NONE REPORT NONE 172	11-18-1999 01-20-1994 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT PARCEL C SITE INSPECTION (SI) REPORT VOLUME I: TEXT, TABLES, PLATES	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0046
N00217 / 002917 NONE REPORT NONE 572	11-18-1999 01-25-1994 NONE 00.0	HARDING LAWSON ASSOCIATES	DRAFT PARCEL C SITE INSPECTION (SI) REPORT VOLUME II: APPENDICES A-J	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0046

## UIC No. / Rec. No.

Doc. Control No.

Prc. Date

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Record Type

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FRC Box No(s) —

N00217 / 002951 SER T4AIWM/L4116 CORRESPONDENC NONE 3	11-18-1999 01-27-1994 NONE 00.0	CALF&G J. TURNER NAVFAC - EFA WEST M. MCCLELLAND	RESPONSES TO COMMENTS ON THE PARCEL C SITE INSPECTION VOLUME III DATA PRESENTATION (SI)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0047
N00217 / 002953 NONE CORRESPONDENC NONE 8	11-18-1999 03-11-1994 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA SEID, R. NAVFAC - EFA WEST MCAVOY, W.	COMMENTS ON THE DRAFT PARCEL C SITE INSPECTION REPORT (SI)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0047
N00217 / 002975 NONE CORRESPONDENC NONE 3	11-18-1999 04-15-1994 NONE 00.0	NAVY	SUBMISSION OF SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES, PARCELS B, C, D AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0048
N00217 / 003027 NONE REPORT NONE 282	11-18-1999 04-15-1994 NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT, INC.	FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES, PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0050
N00217 / 002979 NONE CORRESPONDENC NONE 3	11-18-1999 05-02-1994 NONE 00.0	NAVFAC - EFA WEST	SUBMISSION OF DRAFT FINAL PARCEL C SITE INSPECTION (SI) REPORT; VOLUME I, TEXT, TABLES, AND PLATES AND VOLUME II, APPENDICES A THRU L (SEE AR #2980 - VOLUME I AND 2981 - VOLUME II)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0048

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 002980 NONE REPORT NONE 216	11-18-1999 <b>05-02-1994</b> NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	DRAFT FINAL PARCEL C SITE INSPECTION REPORT (SI); VOLUME I, TEXT, TABLES, AND PLATES [INCLUDES PUBLIC SUMMARY] (SEE AR #2981 - VOLUME II)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0048	
N00217 / 002981 NONE REPORT NONE 623	11-18-1999 <b>05-02-1994</b> NONE 00.0	PRC ENVIRONMENTAL MANAGEMENT	DRAFT FINAL PARCEL C SITE INSPECTION REPORT(SI); VOLUME II, APPENDICES A THRU L (SEE AR #2980 - VOLUME I)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0048	
N00217 / 003000 NONE CORRESPONDENC NONE 17	11-18-1999 <b>06-03-1994</b> NONE 00.0	ARC D. MEYERS NAVFAC - EFA WEST W. RADZEVICH	COMMENTS ON SITE INVESTIGATION (SI) REPORTS FOR PARCELS C, D, AND E (SITE INVESTIGATION REPORTS FOR PARCELS C, D, AND E WERE NOT SUBMITTED TO THE ADMINISTRATIVE RECORD)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0049	
N00217 / 003001 NONE CORRESPONDENC NONE 10	11-18-1999 <b>06-03-1994</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA MANGLES DORF, A. NAVFAC - EFA WEST MCAVOY, W.	COMMENTS ON DRAFT FINAL PARCEL C SITE INSPECTION REPORT (SI)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0049	
N00217 / 003029 NONE CORRESPONDENC NONE 3	11-18-1999 <b>06-24-1994</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA MANGLES DORF, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0051	



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003030	11-18-1999	DTSC - BERKELEY	COMMENTS ON THE FINAL SITE	ADMIN RECORD	PARCEL B	FRC - PERRIS	181-07-0027	BOX 0051
NONE	07-05-1994	C. SHABAHARI	ASSESSMENT REPORT, POTENTIALLY		PARCEL C		30093199	
CORRESPONDENC	NONE	NAVFAC - EFA	CONTAMINATED SITES PARCELS B, C, D,		PARCEL D	IMAGED		
NONE	00.0	WEST	AND E		PARCEL E	HPNT_008		
2		R. POWELL						

UIC No. / Rec. No.

Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites		CD No.	FRC Box No(s)
N00217 / 003038	11-18-1999	ARMS CONTROL	COMMENTS ON DRAFT SUMMARY REPORT	ADMIN RECORD	PARCEL A		CHOICE IMAGING	
NONE	08-19-1994	RESEARCH	OF PHASE I AND PHASE II UST REMOVALS		PARCEL B		SOLUTIONS	
CORRESPONDENC	NONE	CENTER	AND CLOSURES IN PLACE		SITE 00004		SW-20090702-1/7	
NONE	00.0	MEYERS, D.			SITE 00005			
0		NAVFAC -			SITE 00006			
		WESTERN			SITE 00009			
		DIVISION			SITE 00011			
		POWELL, R.			SITE 00015			
					SITE 00017			
					SITE 00019			
					SITE 00020			
					SITE 00022			
					SITE 00024			
					SITE 00025			
					SITE 00027			
					SITE 00028			
					UST HPA-02			
					UST HPA-03			
					UST HPA-14			
					UST S-209			
					UST S-210			
					UST S-211			
					UST S-212			
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					UST S-219			
					UST S-711			
					UST S-712			
					UST S-713			
					UST S-714			
					UST S-715			

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003039 EFAW SER 09ER1WR/L4360 CORRESPONDENC NONE 2	11-18-1999 <b>08-19-1994</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL ARMS CONTROL RESEARCH CENTER D. MEYERS	RESPONSE TO COMMENTS DRAFT SITE INSPECTION (SI) REPORT, PARCEL C, D, AND E AND DRAFT FINAL SITE INSPECTION REPORT, PARCEL D	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003059 EFAW SER 09ER1DS/L5054 CORRESPONDENC NONE 8	11-18-1999 <b>11-21-1994</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	RESPONSE TO COMMENTS ON FINAL SITE ASSESSMENT REPORT, POTENTIALLY CONTAMINATED SITES PARCELS B, C, D, AND E	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0051
N00217 / 003244 NONE REPORT NONE 80	11-18-1999 <b>11-13-1995</b> NONE 00.0	NAVFAC - EFA WEST	ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	FRC - PERRIS  IMAGED HPNT_028	181-07-0027 30093199	BOX 0054
N00217 / 003211 NONE REPORT N62474-94-D-7609 350	11-18-1999 <b>11-27-1995</b> 00026 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FACILITY-WIDE GROUNDWATER MONITORING PLAN (GWMP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_028	181-07-0027 30093199	BOX 0054
N00217 / 003183 SER EP/HE:4110/03010 CORRESPONDENC NONE 7	11-18-1999 <b>12-04-1995</b> NONE 00.0	NEHC - NORFOLK W. LUTTRELL NAVFAC - EFA WEST D. SONG	COMMENTS ON BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP) PRELIMINARY DRAFT (VOLUMES I AND II)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0053

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 003185 NONE REPORT N62474-88-D-5086 210	11-18-1999 12-11-1995 CTO 0310 00.0	PRC ENVIRONMENTAL MANAGEMENT, INC. SICKLES, J. NAVFAC - EFA WEST POWELL, R.	DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP), REVISION 1	ADMIN RECORD	BASEWIDE PARCEL B	CHOICE IMAGING SOLUTIONS SW-20090717-4/8		
N00217 / 003191 SER EP/WE:4119/03424 CORRESPONDENC NONE 7	11-18-1999 01-02-1996 NONE 00.0	NEHC - NORFOLK W. LUTTRELL NAVFAC - EFA WEST D. SONG	RESPONSE TO COMMENTS ON THE PRELIMINARY DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003391 NONE CORRESPONDENC NONE 10	11-18-1999 01-08-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - WESTERN DIVISION POWELL, R.	COMMENTS ON THE DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR EXPLORATORY EXCAVATION SITES AND THE TANK FARM (W/ENCLOSURE)	ADMIN RECORD	PARCEL B SITE 00006	CHOICE IMAGING SOLUTIONS SW-20090717-4/8		
N00217 / 003198 NONE CORRESPONDENC NONE 5	11-18-1999 01-29-1996 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C. NAVFAC - EFA WEST SONG, D.	COMMENTS ON THE DRAFT BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0053
N00217 / 003252 EFAW SER 1832.3/L6158 REPORT NONE 10	11-18-1999 03-26-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF FEBRUARY 1996 MONTHLY PROGRESS REPORT (MPR) (W/ ENCLOSURE)	ADMIN RECORD	006 009 PARCEL B PARCEL C PARCEL E SITE 00002	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0055

## UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 003234 NONE REPORT N62474-94-D-7609 383	11-18-1999 <b>04-05-1996</b> 00026 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN [INCLUDES PUBLIC SUMMARY]	ADMIN RECORD	BASEWIDE PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0054
N00217 / 003279 NONE REPORT NONE 150	11-18-1999 <b>04-08-1996</b> NONE 00.0	NAVY	ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	NAVFAC SOUTHWEST - BLDG. 110 TO BE DELETED		
N00217 / 003260 NONE CORRESPONDENC NONE 2	11-18-1999 <b>04-26-1996</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN (W/OUT ENCLOSURE) (SEE AR #3234 - FINAL MONITORING PLAN)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0055
N00217 / 003285 NONE REPORT N62474-88-D-5086 132	11-18-1999 <b>05-01-1996</b> 00310 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0055
N00217 / 003268 HLA PROJ NO. 11400 1004 REPORT N62474-88-D-5086 437	11-18-1999 <b>05-22-1996</b> 00244 00.0	HARDING LAWSON ASSOCIATES J. FENTON NAVFAC - EFA WEST R. POWELL	DRAFT OPERABLE UNIT II (OU2) ANNUAL GROUNDWATER MONITORING REPORT [INCLUDES PUBLIC SUMMARY]	ADMIN RECORD	006 008 009 010 PARCEL B PARCEL D	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0055

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location		FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 003294 NONE REPORT N62474-88-D-5086 54	11-18-1999 <b>06-05-1996</b> 00142 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST R. POWELL	TECHNICAL MEMORANDUM (TM), REVIEW OF POLYCHLORINATED BIPHENYL (PCB) OCCURRENCES IN SOIL AND GROUNDWATER - 31 MAY 1996 (HARDING LAWSON ASSOCIATES)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_025		181-07-0027 BOX 0056 30093199	
N00217 / 003289 NONE CORRESPONDENC NONE 2	11-18-1999 <b>06-06-1996</b> NONE 00.0	DTSC - BERKELEY C. SHABAHARI NAVFAC - EFA WEST R. POWELL	COMMENTS ON FINAL FACILITY-WIDE GROUNDWATER MONITORING PLAN	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_025		181-07-0027 BOX 0056 30093199	
N00217 / 003284 EFAW SER 1832.4/L6261 CORRESPONDENC N62474-88-D-5086 2	11-18-1999 <b>06-11-1996</b> 00310 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP), MAY 1996 (W/OUT ENCLOSURE) (SEE AR #3285 - DRAFT FINAL CRP)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_020		181-07-0027 BOX 0055 30093199	
N00217 / 003293 EFAW SER 1832/L6282 CORRESPONDENC N62474-88-D-5086 3	11-18-1999 <b>06-26-1996</b> 00142 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF TECHNICAL MEMORANDUM (TM), REVIEW OF POLYCHLORINATED BIPHENYL (PCB) OCCURRENCES IN SOIL AND GROUNDWATER (SEE AR #3294 - TECHNICAL MEMORANDUM)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_025		181-07-0027 BOX 0056 30093199	
N00217 / 003397 NONE CORRESPONDENC NONE 2	11-18-1999 <b>10-09-1996</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT ACTION MEMORANDUM (AM) SOIL REMOVAL ACTION (RM) FOR TANK FARM (LETTER RECEIVED IN THE RESTORATION RECORD FILE W/OUT ENCLOSURE)	ADMIN RECORD	PARCEL B SITE 00006	CHOICE IMAGING SOLUTIONS SW-20090717-4/8			

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.							
Record Type	Record Date	Author								
Contr./Guld. No.	CTO No.	Recipient Affil.								
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)			
N00217 / 003398 NONE CORRESPONDENC NONE 1	11-18-1999 <b>10-09-1996</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR A NON-TIME CRITICAL REMOVAL ACTION (RM), TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	NAVFAC SOUTHWEST - BLDG. 110				
N00217 / 003441 NONE CORRESPONDENC NONE 1	11-18-1999 <b>10-09-1996</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR A NON-TIME CRITICAL REMOVAL ACTION (RM) TANK FARM IR-6	ADMIN RECORD	006 PARCEL B	NAVFAC SOUTHWEST - BLDG. 110 TO BE DELETED				
N00217 / 003442 NONE CORRESPONDENC NONE 5	11-18-1999 <b>10-09-1996</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA COOK, A. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT ACTION MEMORANDUM (AM) SOIL REMOVAL ACTION (RM) FOR TANK FARM IR-6 SITE	ADMIN RECORD	006 PARCEL B	NAVFAC SOUTHWEST - BLDG. 110 TO BE DELETED				

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Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author				Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 003386	11-18-1999	PRC	DRAFT FINAL FIELD WORK PLAN (WP),	ADMIN RECORD	BLDG 00113	CHOICE IMAGING	
EFAW SER	10-15-1996	ENVIRONMENTAL	PHASE III RADIATION INVESTIGATION		BLDG 00113A	SOLUTIONS	
1832.4/L7017	CTO 0285	MANAGEMENT,	(INCLUDES EFAW TRANSMITTAL LETTER)		BLDG 00114	SW-20090717-4/8	
REPORT	00.0	INC.			BLDG 00123		
N62474-88-D-5086		PRESTON, D.			BLDG 00146		
70		NAVFAC - EFA			BLDG 00211		
		WEST			BLDG 00214		
		TETIRICK, L.			BLDG 00253		
					BLDG 00274		
					BLDG 00313		
					BLDG 00313A		
					BLDG 00351A		
					BLDG 00364		
					BLDG 00506		
					BLDG 00507		
					BLDG 00509		
					BLDG 00510		
					BLDG 00510A		
					BLDG 00517		
					BLDG 00529		
					BLDG 00707		
					BLDG 00815		
					BLDG 00816		
					BLDG 00820		
					BLDG 00830		
					BLDG 00831		
					PARCEL B		
					PARCEL C		
					SITE 00001		
					SITE 00002		
					SITE 00007		
					SITE 00008		



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

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CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 003856	11-18-1999	NAVFAC - EFA	SUBMISSION OF THE DRAFT PARCEL C	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0078
EFAW SER	11-29-1996	WEST	REMEDIAL INVESTIGATION (RI) REPORT,					
1832.3/17044	NONE	R. POWELL	VOLUMES 1 THROUGH 13 (SEE AR #3645-					
CORRESPONDENC	00.0	U.S. EPA - SAN	3659 - DRAFT RI DATED 11/29/1996 WAS			IMAGED		
NONE		FRANCISCO	CONVERTED TO DRAFT FINAL ON			HPNT_015		
2		S. LAUTH	03/13/1997, VOLUME I-XV OF XV)					

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

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PRC

ENVIRONMENTAL  
MANAGEMENT,  
INC.

SICKLES, J.

NAVFAC - EFA

WEST

POWELL, R.

DRAFT FINAL UPDATED COMMUNITY  
RELATIONS PLAN (CRP)

ADMIN RECORD

PARCEL A

PARCEL B

PARCEL C

PARCEL D

SITE 00001

SITE 00002

SITE 00003

SITE 00004

SITE 00005

SITE 00006

SITE 00007

SITE 00008

SITE 00009

SITE 00010

SITE 00012

SITE 00013

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SITE 00033

CHOICE IMAGING  
SOLUTIONS

SW-20090717-4/8

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

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Record Type	Record Date	Author					Location	FRC Accession No.	
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Approx. # Pages	EPA Cat. #	Reclpent	Subject	Classification	Sites	CD No.	FRC Box No(s)		
					SITE 00072 SITE 00073 SITE 00074 SITE 00075 SITE 00076				
N00217 / 003857 EFAW SER 1832.3/L7048 CORRESPONDENC NONE 7	11-18-1999 12-10-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE PUBLIC SUMMARY FOR DRAFT PARCEL C REMEDIAL INVESTIGATION (RI) REPORT (W/ ENCLOSURES)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 003451 EFAW SER 1832.4/L7053 REPORT NONE 11	11-18-1999 12-16-1996 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF NOVEMBER 1996 MONTHLY PROGRESS REPORT (MPR) (W/ ENCLOSURES)	ADMIN RECORD	BASEWIDE	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003453 EFAW SER 1832.2/L7075 REPORT NONE 11	11-18-1999 01-15-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF DECEMBER 1996 MONTHLY PROGRESS REPORT (MPR) (W/ ENCLOSURES)	ADMIN RECORD	BASEWIDE	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0062	
N00217 / 003858 NONE CORRESPONDENC NONE 20	11-18-1999 01-21-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT PARCEL C REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

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Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 003859 NONE CORRESPONDENC NONE 10	11-18-1999 01-27-1997 NONE 00.0	DTSC - BERKELEY, CA SHABAHARI, C. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT PARCEL C REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003458 EFAW SER 1832.4/L7085 CORRESPONDENC NONE 1	11-18-1999 01-31-1997 NONE 00.0	NAVFAC - EFA WEST POWELL, R. VARIOUS AGENCIES	TRANSMITTAL OF 1) DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP), AND 2) RESPONSE TO COMMENTS ON THE DRAFT FINAL UPDATED COMMUNITY RELATIONS PLAN (CRP) (W/OUT ENCLOSURES)	ADMIN RECORD	BASEWIDE PARCEL B	CHOICE IMAGING SOLUTIONS SW-20090717-4/8		
N00217 / 003643 SWDIV SER 1832.3/1L7117 REPORT N62474-94-D-7609 421	11-18-1999 02-27-1997 00005 00.0	PRC ENVIRONMENTAL MANAGEMENT M. KNOX NAVFAC - EFA WEST G. CLARK	DRAFT FEASIBILITY STUDY (FS) REPORT VOLUME I OF II (SEE AR #3644 - VOLUME II OF II)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0069
N00217 / 003644 NONE REPORT N62474-94-D-7609 271	11-18-1999 02-27-1997 00005 00.0	PRC ENVIRONMENTAL MANAGEMENT M. KNOX NAVFAC - EFA WEST G. CLARK	DRAFT FEASIBILITY STUDY (FS) REPORT, VOLUME II OF II (SEE AR #3643 - VOLUME I OF II)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0069
N00217 / 003860 NONE CORRESPONDENC NONE 2	11-18-1999 02-27-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT PARCEL C FEASIBILITY STUDY (FS) REPORT, VOLUMES I-II OF II (W/OUT ENCLOSURES) (SEE AR #3643 - VOLUME I AND 3644 - VOLUME II)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.		FRC Box No(s)	
N00217 / 003476 EFAW SER 1831/L7106 CORRESPONDENC NONE 3	11-18-1999 03-07-1997 NONE 00.0	NAVFAC - EFA WEST GEE, H. VARIOUS AGENCIES	TRANSMITTAL OF THE BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN (BCP), REVISION 3 (LETTER RECEIVED IN THE RESTORATION RECORD FILE W/OUT ENCLOSURE)	ADMIN RECORD	BASEWIDE PARCEL B		CHOICE IMAGING SOLUTIONS SW-20090717-4/8		
N00217 / 003645 EFAW SER 1833.2/L7126 REPORT N62474-94-D-7609 439	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIATION INVESTIGATION (RI), TEXT, VOLUME I OF XV (SEE AR #3646 THROUGH 3659 - VOLUMES II - XV)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070
N00217 / 003646 NONE REPORT N62474-94-D-7609 581	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIATION INVESTIGATION (RI), TEXT, VOLUME II OF XV (SEE AR #3645 - VOLUME I AND 3647 THROUGH 3659 - VOLUMES III - XV)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070
N00217 / 003647 NONE REPORT N62474-94-D-7609 424	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIATION INVESTIGATION (RI), TEXT, VOLUME III OF XV (SEE AR #3645 - 3646 - VOLUMES I - II AND 3648 - 3659 - VOLUMES IV - XV)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070
N00217 / 003648 NONE REPORT N62474-94-D-7609 33	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIATION INVESTIGATION (RI), FIGURES, VOLUME IV OF XV (SEE AR #3645 THROUGH 3647 - VOLUMES I THROUGH III AND 3649 THROUGH 3659 - VOLUMES VI THROUGH XV)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

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Subject

Classification

Sites

Location

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CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 003649 NONE REPORT N62474-94-D-7609 38	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), FIGURES, VOLUME V OF XV (SEE AR #3645 - 3648 - VOLUMES I - IV AND 3650 - 3659 - VOLUMES VII - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070
N00217 / 003650 NONE REPORT N62474-94-D-7609 62	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), FIGURES, VOLUME VI OF XV (SEE AR #3645 - 3649 - VOLUMES I - V AND 3651 - 3659 - VOLUMES VIII - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0070
N00217 / 003651 NONE REPORT N62474-94-D-7609 790	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX A - I, VOLUME VII OF XV (SEE AR #3645 - 3650 - VOLUMES I - VI AND 3652 - 3659 - VOLUMES IX - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0071
N00217 / 003652 NONE REPORT N62474-94-D-7609 722	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX J - K, VOLUME VIII OF XV (SEE AR #3645 - 3652 - VOLUMES I - VII AND 3653 - 3659 - VOLUMES X - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0071
N00217 / 003653 NONE REPORT N62474-94-D-7609 392	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX L - M, VOLUME IX OF XV (SEE AR #3645 - 3654 - VOLUMES I - VIII AND 3654 - 3659 - VOLUMES X - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0071

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003654 NONE REPORT N62474-94-D-7609 718	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX M (CONTINUED), VOLUME X OF XV (SEE AR #3645 - 3653 - VOLUMES I - IX AND 3655 - 3659 - VOLUMES XII - XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0071	
N00217 / 003655 NONE REPORT N62474-94-D-7609 722	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX M (CONTINUED), VOLUME XI OF XV (SEE AR #3645 THROUGH 3654 - VOLUMES I THROUGH X AND 3656 THROUGH 3659 - VOLUMES XII THROUGH XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0071	
N00217 / 003656 NONE REPORT N62474-94-D-7609 825	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX N, VOLUME XII OF XV (SEE AR #3645 THROUGH 3655 - VOLUMES I THROUGH XI AND 3657 THROUGH 3659 - VOLUMES XIII THROUGH XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0072	
N00217 / 003657 NONE REPORT N62474-94-D-7609 1194	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX N (CONTINUED), VOLUME XIII OF XV (SEE AR #3645 THROUGH 3656 - VOLUMES I THROUGH XII AND 3658 THROUGH 3659 - VOLUMES XIV THROUGH XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0072	
N00217 / 003658 NONE REPORT N62474-94-D-7609 1187	11-18-1999 03-13-1997 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX N (CONTINUED), VOLUME XIV OF XV (SEE AR #3645 THROUGH 3657 - VOLUMES I THROUGH XIII AND 3659 - VOLUME XV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0072	



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Author

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EPA Cat. #

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Subject

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Location

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CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003659 NONE REPORT N62474-94-D-7609 355	11-18-1999 <b>03-13-1997</b> 00011 00.0	PRC ENVIRONMENTAL MANAGEMENT J. SICKLES NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C REMEDIAL INVESTIGATION (RI), APPENDIX O - R, VOLUME XV OF XV (SEE AR #3645 THROUGH 3659 - VOLUMES I THROUGH XIV)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0072
N00217 / 003861 EFAW SER 1833.2/L7126 CORRESPONDENC NONE 2	11-18-1999 <b>03-13-1997</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE DRAFT FINAL PARCEL C REMEDIAL INVESTIGATION (RI) REPORT, VOLUMES 1 - 11 AND 15 - 13 MARCH 1997 (W/O ENCLOSURES)(SEE AR #3645 - 3655 FOR VOLUMES I - XI, AR #3659 FOR VOLUME XV)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003473 EFAW SER 1832.2/L7129 CORRESPONDENC N62474-94-D-7609 119	11-18-1999 <b>03-17-1997</b> 00009 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA) - 17 MARCH 1997, RESPONSE TO AGENCY COMMENTS ON DRAFT, AND PRC EMI LETTER DATED 14 MARCH 1997 (W/ ENCLOSURES)	ADMIN RECORD	BASEWIDE PARCEL B	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0063
N00217 / 003474 NONE REPORT N62474-94-D-7609 113	11-18-1999 <b>03-17-1997</b> CTO 0009 00.0	PRC ENVIRONMENTAL MANAGEMENT BAKER, J. NAVFAC - EFA WEST POWELL, R.	PHASE 1B ECOLOGICAL RISK ASSESSMENT (ERA), RESPONSE TO AGENCY COMMENTS ON DRAFT	ADMIN RECORD	BASEWIDE PARCEL B	NAVFAC SOUTHWEST - BLDG. 1		
N00217 / 003862 NONE CORRESPONDENC NONE 4	11-18-1999 <b>04-15-1997</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT FINAL PARCEL C REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author				Location	FRC Accession No.		
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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003863 NONE CORRESPONDENC NONE 1	11-18-1999 04-18-1997 NONE 00.0	ARC ECOLOGY C. SHIRLEY NAVFAC - EFA WEST R. POWELL	COMMENTS ON THE DRAFT FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 003864 NONE CORRESPONDENC NONE 5	11-18-1999 05-14-1997 NONE 00.0	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT PARCEL C FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 003865 EFAW SER 1832.3/L7185 CORRESPONDENC NONE 2	11-18-1999 06-05-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE RESPONSE TO COMMENTS ON THE DRAFT FINAL PARCEL C REMEDIAL INVESTIGATION (RI) REPORT (W/O ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078	
N00217 / 004159 NONE CORRESPONDENC NONE 1	08-16-2005 08-05-1997 NONE	PRC ENVIRONMENTAL MANAGEMENT GOULD, J. ARC ECOLOGY SHIRLEY, C.	RESPONSE TO 04/18/97 COMMENTS REGARDING DRAFT FEASIBILITY STUDY (FS)	ADMIN RECORD	PARCEL C	NAVFAC SOUTHWEST - BLDG. 1 BX-032 IMAGED HPNT_025			
N00217 / 003669 EFAW SER 62210LT/L8022 CORRESPONDENC NONE 64	11-18-1999 10-21-1997 NONE 00.0	NAVFAC - EFA WEST R. POWELL DTSC - BERKELEY C. KAO	REQUEST FOR IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR PARCEL C, E, AND F STUDIES	ADMIN RECORD	PARCEL C PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0073	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003723	11-18-1999	LEVINE-FRICKE	DRAFT WORK PLAN (WP), PARCEL C	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0075
NONE	10-22-1997	RECON	TREATABILITY STUDY (TS) ACTIVITIES (SEE	INFO REPOSITORY			30093199	
REPORT	00178	K. MOREY	AR #3724 - AMENDMENT A - RESPONSE TO			IMAGED		
N62474-94-D-7609	00.0	NAVFAC - EFA	EPA COMMENTS)			HPNT_025		
55		WEST						
		G. CLARK						
N00217 / 003866	11-18-1999	U.S. EPA - SAN	COMMENTS ON THE TREATABILITY STUDY	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0078
NONE	10-28-1997	FRANCISCO, CA	(TS) FOR PARCEL C WORK PLAN (WP)				30093199	
CORRESPONDENC	NONE	LAUTH, S.				IMAGED		
NONE	00.0	NAVFAC - EFA				HPNT_025		
5		WEST						
		MCCLELLAND, M.						

## UIC No. / Rec. No.

Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
N00217 / 000794	02-04-2004	TETRA TECH EM	DRAFT BASEWIDE FINDING OF SUITABILITY	ADMIN RECORD	BLDG 0007	CHOICE IMAGING		
EFAW SER	11-07-1997	INC.	TO LEASE (INCLUDES NAVFAC EFA WEST		BLDG 00140	SOLUTIONS		
622JT/L8044	CTO 0174	TOBIAS, S.	TRANSMITTAL LETTER]		BLDG 00204	SW-20090424-1/8		
REPORT		NAVFAC - EFA			BLDG 00205			
N62474-94-D-7609		WEST			BLDG 00364			
30					BLDG 00520			
					BLDG 00707			
					PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					PARCEL F			
					SITE 00001			
					SITE 00002			
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					SITE 00004			
					SITE 00005			
					SITE 00006			
					SITE 00007			
					SITE 00008			
					SITE 00009			
					SITE 00010			
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					SITE 00014			
					SITE 00015			
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					SITE 00024			

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

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CTO No.

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Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

SITE 00025

SITE 00026

SITE 00027

SITE 00028

SITE 00029

SITE 00030

SITE 00031

SITE 00032

SITE 00033

SITE 00034

SITE 00035

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SITE 00068

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.										
Record Type	Record Date	Author											
Contr./Guid. No.	CTO No.	Recipient Affil.											
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)						
					SITE 00069 SITE 00070 SITE 00071 SITE 00072 SITE 00073								
N00217 / 003724 NONE CORRESPONDENC NONE 34	11-18-1999 11-20-1997 NONE 00.0	LEVINE-FRICKE RECON M. MARSDEN U.S. EPA - SAN FRANCISCO S. LAUTH	SUBMISSION OF AMENDMENT A - RESPONSE TO COMMENTS ON THE DRAFT WORK PLAN (WP), PARCEL C TREATABILITY STUDY (TS) ACTIVITIES (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 BOX 0075 30093199						
N00217 / 000793 NONE REPORT N62474-94-D-7609 243	02-04-2004 01-07-1998 00174	TETRA TECH EM INC. S. TOBIAS NAVFAC - SOUTHWEST DIVISION J. TUAN	DRAFT FINAL BASEWIDE FINDING OF SUITABILITY TO LEASE (EXCLUDING PARCEL A)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 BOX 0030 30093199						
N00217 / 003688 EFAW SER 6222JT/L8085 CORRESPONDENC NONE 3	11-18-1999 01-12-1998 NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES B. BEASLEY	SUBMISSION OF THE DRAFT FINAL BASEWIDE FINDING OF SUITABILITY TO LEASE (FOSL) (EXCLUDING PARCEL A)(W/O ENCLOSURE)(SEE AR #793 FOR DRAFT FINAL FOSL)	ADMIN RECORD	BASEWIDE	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 BOX 0074 30093199						

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003700	11-18-1999	IT CORPORATION	DRAFT WORK PLAN (WP), CONTRACTOR	ADMIN RECORD	BLDG 00100I	CHOICE IMAGING
NONE	02-01-1998		QUALITY CONTROL PLAN (CQCP),		BLDG 00111	SOLUTIONS
REPORT	DO 0109	NAVFAC - EFA	SAMPLING AND ANALYSIS (SAP), REVISION		BLDG 00112	SW-20090424-6/8
N62474-93-D-2151	00.0	WEST	C - VOLUME 1		BLDG 00113	
500		POWELL, R			BLDG 00113A	
					BLDG 00117	
					BLDG 00121	
					BLDG 00122	
					BLDG 00123	
					BLDG 00124	
					BLDG 00125	
					BLDG 00128	
					BLDG 00130	
					BLDG 00140	
					BLDG 00141	
					BLDG 00142A	
					BLDG 00145	
					BLDG 00146	
					BLDG 00156	
					BLDG 00157	
					BLDG 00162	
					PARCEL B	
					SITE 00006	
					SITE 00007	
					SITE 00008	
					SITE 00010	
					SITE 00020	
					SITE 00023	
					SITE 00024	
					SITE 00026	
					SITE 00042	
					SITE 00045	
					SITE 00046	
					SITE 00050	
					SITE 00060	

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
					SITE 00061 UST S-136				
N00217 / 003726 NONE REPORT N62474-94-D-7609 294	11-18-1999 <b>04-06-1998</b> 00178 00.0	TETRA TECH EM INC. K. MOREY NAVFAC - SOUTHWEST DIVISION G. CLARK	DRAFT TECHNICAL MEMORANDUM (TM), PARCEL C TREATABILITY STUDY (TS) ACTIVITIES	INFO REPOSITORY	PARCEL C		FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0075
N00217 / 003869 EFAW SER 6223/L8149 CORRESPONDENC NONE 2	11-18-1999 <b>04-06-1998</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF THE PARCEL C TREATABILITY STUDY (TS) TECHNICAL MEMORANDUM (TM) - 06 APRIL 1998 (W/O ENCLOSURE)(SEE AR #3726 - PARCEL C TREATABILITY STUDY)	ADMIN RECORD INFO REPOSITORY	PARCEL C		FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003743 NONE REPORT NONE 16	11-18-1999 <b>04-18-1998</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL VARIOUS AGENCIES	SUBMISSION OF APRIL 1998 MONTHLY PROGRESS REPORT (MPR) AND SCHEDULES FOR PARCELS A THROUGH F AND BASEWIDE (W/ ENCLOSURE)	ADMIN RECORD	BASEWIDE PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F		FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0076
N00217 / 003870 NONE CORRESPONDENC NONE 3	11-18-1999 <b>05-13-1998</b> NONE 00.0	DTSC - BERKELEY, CA HEUSINKVELD, V. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE PARCEL C TREATABILITY STUDY (TS) TECHNICAL MEMORANDUM (TM)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003740 EFAW SER 62A223/L8194-1 REPORT N62474-94-D-7609 476	11-18-1999 <b>07-15-1998</b> 00011 00.0	TETRA TECH M. KNOX NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C FEASIBILITY STUDY (FS) VOLUME I OF III (SEE AR #3741 - VOLUME II AND #3742 - VOLUME III) [INCLUDES EFA WEST TRANSMITTAL LETTER BY R. POWELL]	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0076



## UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 003741 NONE REPORT N62474-94-D-7609 330	11-18-1999 <b>07-15-1998</b> 00011 00.0	TETRA TECH M. KNOX NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C FEASIBILITY STUDY (FS) VOLUME II OF III (SEE AR #3740 - VOLUME I AND #3742 - VOLUME III)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0076
N00217 / 003742 EFAW SER 6223/L8149 REPORT N62474-94-D-7609 364	11-18-1999 <b>07-15-1998</b> 00011 00.0	TETRA TECH M. KNOX NAVFAC - EFA WEST	DRAFT FINAL REPORT, PARCEL C FEASIBILITY STUDY (FS) VOLUME III OF III (SEE AR #3740 - VOLUME I AND #3741 - VOLUME II) [INCLUDES EFA WEST TRANSMITTAL LETTER BY R. POWELL]	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_008	181-07-0027 30093199	BOX 0076
N00217 / 003750 NONE CORRESPONDENC NONE 4	11-18-1999 <b>07-20-1998</b> NONE 00.0	NAVFAC - EFA WEST POWELL, R. U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C.	DRAFT FINAL BASEWIDE QUALITY ASSURANCE PROJECT PLANS (QAPP), REVISED PAGES 133 AND 184	INFO REPOSITORY	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090717-5/8		
N00217 / 003882 NONE CORRESPONDENC NONE 5	11-18-1999 <b>07-20-1998</b> NONE 00.0	NAVFAC - EFA WEST POWELL, R. U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C.	BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP), REPLACEMENT PAGES TO ADDRESS UNRESOLVED CONCERNS	ADMIN RECORD	BASEWIDE	NAVFAC SOUTHWEST - BLDG. 110		
N00217 / 003871 NONE CORRESPONDENC NONE 29	11-18-1999 <b>08-27-1998</b> NONE 00.0	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST POWELL, R.	COMMENTS ON THE DRAFT FINAL PARCEL C FEASIBILITY STUDY (FS) REPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 003872 NONE CORRESPONDENC NONE 19	11-18-1999 08-31-1998 NONE 00.0	DTSC - BERKELEY V. HEUSINKVELD NAVFAC - EFA WEST M. MCCLELLAND	SUBMISSION OF COMMENTS ON THE DRAFT FINAL PARCEL C FEASIBILITY STUDY (FS) REPORT (W/ ENCLOSURE)	ADMIN RECORD	PARCEL C		FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 000933 NONE PUBLIC NOTICE NONE 6	06-21-2006 01-01-1999 NONE	TETRA TECH EM INC.  NAVFAC - EFA WEST	CLEAN TIPS - WINTER 1999 (NEWSLETTER OF TETRA TECH EM INC.'S CLEAN PROGRAM)	ADMIN RECORD	PARCEL A SITE 00001 SITE 00005 SITE 00006 SITE 00007 SITE 00008 SITE 00009 SITE 00012 SITE 00014 SITE 00017		CHOICE IMAGING SOLUTIONS SW-20090522-1/7		
N00217 / 003701 NONE REPORT N62474-93-D-2151 3000	11-18-1999 04-19-1999 DO 0109 00.0	IT CORPORATION  NAVFAC - EFA WEST	REMEDIAL ACTION WORK PLANS: WORK PLAN, REVISION 9 (JULY 1999); CONTRACTOR QUALITY CONTROL PLAN (MAY 1998); SAMPLING AND ANALYSIS PLAN, REVISION 4 (APRIL 1999) - VOLUME 1 AND HEALTH AND SAFETY PLAN (HASP), REVISION 6 (JUNE 1999) - VOLUME 2 [**SEE COMMENTS]	ADMIN RECORD SENSITIVE	PARCEL B SITE 00006 SITE 00007 SITE 00010 SITE 00018 SITE 00020 SITE 00023 SITE 00024 SITE 00026 SITE 00042 SITE 00045 SITE 00046 SITE 00050 SITE 00060 SITE 00061 SITE 00062		CHOICE IMAGING SOLUTIONS SW-20090424-6/8		

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guld. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000541 EFAW SER 622/L117-1 CORRESPONDENC NONE 8	12-20-2001 <b>04-27-1999</b> NONE	NAVFAC - EFA WEST M. MCCLELLAND U.S. EPA - SAN FRANCISCO C. TROMBADORE	RESPONSE TO VARIOUS COMMENTS REGARDING NAVY'S REQUEST FOR SCHEDULE REVISIONS (WITH ENCLOSURES)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0013
N00217 / 003846 EFAW SER 702P3/L9173-1 CORRESPONDENC NONE 2	11-18-1999 <b>06-22-1999</b> NONE 00.0	NAVFAC - EFA WEST R. POWELL U.S. EPA - SAN FRANCISCO C. TROMBADORE	BASEWIDE QUALITY ASSURANCE PROJECT PLAN (QAPP), RESPONSE TO CONCERNS	ADMIN RECORD INFO REPOSITORY	BASEWIDE	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0078
N00217 / 003920 EFAW SER 6223/L0305-1 REPORT N62474-94-D-7609 608	01-05-2000 <b>11-01-1999</b> 00011 01.1	TETRA TECH EM INC. J. MICHAELS NAVFAC - EFA WEST	PARCEL C RISK MANAGEMENT REVIEW TECHNICAL MEMORANDUM (PARTIAL SUBMITTAL) (INCLUDES EFAWEST TRANSMITTAL BY M. MCCLELLAND)	ADMIN RECORD INFO REPOSITORY	025 027 028 029 030 057 058 064 PARCEL C	FRC - PERRIS  IMAGED HPNT_027	181-07-0027 30093199	BOX 0080
N00217 / 000245 CTO-007/0178 MINUTES N68711-95-D-7526 69	11-08-2000 <b>02-24-2000</b> CTO 0007	BECHTEL NATIONAL, INC. TAIT, R. NAVFAC - SOUTHWEST DIVISION SELBY, R.	24 FEBRUARY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS (INCLUDES AGENDA, RAB LISTING, MEETING MINUTES OF 10/21/99, 12/09/99, 01/18/00 AND 01/27/00 AND VARIOUS HANDOUTS) (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00217 / 003928	03-27-2000	TETRA TECH EM	DRAFT FINAL - ECOLOGICAL RISK	ADMIN RECORD	006	FRC - PERRIS	181-07-0027	BOX 0080
NONE	03-14-2000	INC.	ASSESSMENT VALIDATION STUDY REPORT		007		30093199	
REPORT	00005	M. WANTA	(SEE AR #3948 FOR UNDATED ERRATA		011	IMAGED		
N62474-94-D-7609		VARIOUS	SHEET)		012	HPNT_022		
344		AGENCIES			013			
					014			
					015			
					016			
					018			
					019			
					021			
					BLDG. 505			
					BLDG. 506			
					BLDG. 507			
					BLDG. 509			
					BLDG. 510			
					BLDG. 510A			
					BLDG. 513			
					BLDG. 516			
					BLDG. 518			
					BLDG. 520			
					BLDG. 521			
					BLDG. 529			
					BLDG. 531			
					PARCEL E			
					SITE 00001			
					SITE 00002			
N00217 / 003939	04-20-2000	SHEPPARD,	COMMENTS ON DRAFT RISK MANAGEMENT	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0081
WBB-65622	03-24-2000	MULLIN, RICHTER,	TECHNICAL MEMORANDUM				30093199	
CORRESPONDENC	NONE	HAM				IMAGED		
NONE		M. E. MCDANIEL				HPNT_016		
21		NAVFAC -						
		SOUTHWEST						
		DIVISION						

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guld. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003935 EFAW SER 06CH.RM/277 MINUTES NONE 17	04-14-2000 <b>04-12-2000</b> NONE	NAVFAC - EFA WEST MACH, R. U.S. EPA - SAN FRANCISCO, CA LAUTH, S.	TRANSMITTAL OF 23 MARCH 2000 PARCEL C GROUNDWATER EVALUATION MEETING MINUTES (W/ENCLOSURE)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0080
N00217 / 000247 CTO-007/0178 MINUTES N68711-95-D-7526 72	11-08-2000 <b>04-27-2000</b> CTO 0007	BECHTEL NATIONAL, INC. TAIT, R. NAVFAC - SOUTHWEST DIVISION SELBY, R.	27 APRIL 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS - INCLUDES AGENDA, MEETING MINUTES OF 3/23/00 & BCT MEETING MINUTES OF 3/3/00, PARCEL UPDATES, OVERHEADS & DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES, PARCEL B - (4/10/00)]	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F SITE 00001	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 003945 NONE CORRESPONDENC NONE 2	06-06-2000 <b>05-05-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C. NAVFAC - EFA WEST MACH, R.	EPA'S REQUEST TO ASSIST IN CALCULATING REALISTIC COST TO COMPLETE ESTIMATE	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0081
N00217 / 003946 SWDIV SER 06CH.RM/361 CORRESPONDENC NONE 11	06-06-2000 <b>05-12-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF FINAL COST TO COMPLETE TECHNICAL ASSUMPTIONS MEETING MINUTES OF 25 APRIL 2000 (W/ ENCLOSURE)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0081
N00217 / 003947 SWDIV SER 06CH.RM/360 CORRESPONDENC NONE 13	06-06-2000 <b>05-12-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF 27 APRIL 2000 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0081

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)
N00217 / 003960 EFAW SER O5CH.RM/375 REPORT N62474-94-D-7609 128	06-07-2000 <b>05-12-2000</b> 00270	TETRA TECH EM INC. T. SHOFF VARIOUS AGENCIES	DRAFT JANUARY-MARCH 2000 SECOND QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD	006 007 010 018 PARCEL B	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 BOX 0081 30093199
N00217 / 000224 CTO-007/0097 MINUTES N68711-95-D-7526 19	10-27-2000 <b>05-25-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES OF 25 MAY 2000	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0004 30093199
N00217 / 000251 CTO-007/0178 MINUTES N68711-95-D-7526 20	11-08-2000 <b>05-25-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	25 MAY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 04/27/00 MEETING MINUTES & VARIOUS HANDOUTS]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0005 30093199
N00217 / 000257 NONE MISC NONE 12	11-08-2000 <b>06-01-2000</b> NONE	NAVFAC - SOUTHWEST DIVISION  NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: "WHAT IS HUNTERS POINT SHIPYARD?"	ADMIN RECORD INFO REPOSITORY	006 021 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001 SITE 00003	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0005 30093199
N00217 / 003955 NONE REPORT N62474-94-D-7609 354	06-07-2000 <b>06-01-2000</b> 00005 & 00011	TETRA TECH EM INC. D. BIELSKIS VARIOUS AGENCIES	DRAFT FIELD SAMPLING PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_021	181-07-0027 BOX 0081 30093199

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

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CTO No.

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Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003956 NONE REPORT N62474-94-D-7609 126	06-07-2000 <b>06-01-2000</b> 00005 & 00011	TETRA TECH EM INC. D. BIELSKIS VARIOUS AGENCIES	DRAFT QUALITY ASSURANCE PROJECT PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003980 NONE CORRESPONDENC NONE 3	07-14-2000 <b>06-13-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST MACH, R.	COMMENTS ON THE DRAFT FIELD SAMPLING PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION (W/ ENCLOSURE)	ADMIN RECORD	025 028 PARCEL C	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003979 CRWQCB FILE NO. 2169.6032 (LBJ) CORRESPONDENC NONE 3	07-14-2000 <b>06-16-2000</b> NONE	CRWQCB - SAN FRANCISCO, CA JOB, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON DRAFT FIELD SAMPLING PLAN FOR PHASE I DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003978 NONE CORRESPONDENC NONE 5	07-14-2000 <b>06-19-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENT ON THE DRAFT FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN FOR PHASE I GROUNDWATER DATA GAPS	ADMIN RECORD	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003965 EFAW SER 06CH.RM/473 CORRESPONDENC NONE 9	07-14-2000 <b>06-20-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	SUBMISSION OF FINAL COST TO COMPLETE ANALYSIS IN SUPPORT OF EARLY TRANSFER MEETING MINUTES OF 18 MAY 2000	ADMIN RECORD	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author							
Contr./Guld. No.	CTO No.	Recipient Affil.							
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)		
N00217 / 003977	07-14-2000	U.S. EPA - SAN FRANCISCO, CA	EPA REVIEW AND COMMENT ON THE DRAFT FIELD SAMPLING PLAN AND QUALITY ASURANE PROJECT PLAN FOR PHASE I GROUNDWATER DATA GAPS (WITH FOCUS ON PARCEL D GROUNDWATER SAMPLING EFFORT)	ADMIN RECORD	PARCEL C PARCEL D	FRC - PERRIS	181-07-0027 BOX 0081		
NONE	06-20-2000	TROMBADORE, C.					30093199		
CORRESPONDENC	NONE	NAVFAC - EFA				IMAGED			
NONE		WEST				HPNT_022			
7		MACH, R.							



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

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Record Date

Author

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CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000054  
 SWDIV SER  
 06CH.RM/475  
 REPORT  
 N62474-93-D-2151  
 550

08-09-2000  
**06-23-2000**  
 DO 0091

IT CORPORATION  
 GRAY, J.  
 NAVFAC -  
 SOUTHWEST  
 DIVISION

WORK PLAN, CONTRACTOR QUALITY  
 CONTROL PLAN (CQCP), SAMPLING AND  
 ANALYSIS PLAN (SAP), SITE HEALTH &  
 SAFETY PLAN (SHSP), ENVIRONMENTAL  
 PROTECTION PLAN (EPP) FOR  
 ABOVEGROUND / UNDERGROUND TANK  
 CLEANING AND REMOVAL [PORTIONS OF  
 MAILING LIST ARE SENSITIVE]

ADMIN RECORD  
 SENSITIVE

AST 000001  
 AST 000002  
 AST 000003  
 AST 000004  
 AST 000005  
 AST 000006  
 AST 000007  
 AST 000008  
 AST 000009  
 AST 000010  
 AST 000011  
 AST 000521-1  
 AST 000521-2  
 AST 000521-3  
 AST A203-1A  
 AST A203-1B  
 AST A203-2A  
 AST A203-2B  
 AST A203-5  
 AST A203-6  
 AST A203-7  
 AST A211  
 AST A235  
 AST A302-2  
 AST A302-5  
 AST A302-6  
 AST A521-8  
 BLDG 00203  
 BLDG 00211  
 BLDG 00235  
 BLDG 00253  
 BLDG 00258  
 BLDG 00302  
 BLDG 00439  
 BLDG 00521

CHOICE IMAGING  
 SOLUTIONS  
 SW-20090313-3/7

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	Location	SWDIV Box No(s)	CD No.	FRC Accession No.	FRC Warehouse	FRC Box No(s)
N00217 / 000072	EFAW SER	08-09-2000	NAVFAC - EFA	CORRESPONDENC	06-23-2000	WEST	06CH.RM/474	NONE	R. MACH	SOIL REMEDIATION AREAS, PARCEL C (W/ ENCLOSURE)	ADMIN RECORD	PARCEL C SITE 00028 SITE 00029 SITE 00067 UST U302 UST U302-1 UST U302-3 UST U439-1 UST U439-2 WELL IR67-MW04A	FRC - PERRIS			181-07-0027	BOX 0002	
NONE			VARIOUS						AGENCIES			025 027 028 029 030 057 058 064	IMAGED HPNT_001			30093199		
13												PARCEL C						
N00217 / 003962	EFAW SER	07-14-2000	NAVFAC - EFA	CORRESPONDENC	06-23-2000	WEST	06CH.RM/480	NONE	R. MACH	TRANSMITTAL OF TREATABILITY STUDY WORK PLAN MODIFICATIONS REGARDING THE PHASE II SOIL VAPOR EXTRACTION (SVE)	ADMIN RECORD	010 025 028 036 BLDG. 134 BLDG. 211 BLDG. 231 BLDG. 253 BLDG. 272 PARCEL B PARCEL C PARCEL E	FRC - PERRIS			181-07-0027	BOX 0081	
NONE			VARIOUS						AGENCIES			025 028 036 BLDG. 134 BLDG. 211 BLDG. 231 BLDG. 253 BLDG. 272 PARCEL B PARCEL C PARCEL E	IMAGED HPNT_022			30093199		
12																		

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 003976 NONE CORRESPONDENC NONE 11	07-14-2000 <b>06-23-2000</b> NONE	DTSC - BERKELEY, CA KAO, C. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON THE DRAFT QUALITY ASSURANCE PROJECT PLAN AND DRAFT FIELD SAMPLING PLAN FOR PHASE I GROUNDWATER DATA GAPS INVESTIGATION	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E SITE 00009 SITE 00018 SITE 00025 SITE 00028	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003972 EFAW SER 06CH.RM/478 CORRESPONDENC NONE 11	07-14-2000 <b>06-30-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF THE 08 JUNE 2000 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 003973 EFAW SER 06CH.RM/477 CORRESPONDENC NONE 7	07-14-2000 <b>06-30-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TRANSMITTAL OF 31 MAY 2000 FINAL PETROLEUM HYDROCARBON PROGRAM	ADMIN RECORD	BLDG. 439 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_022	181-07-0027 30093199	BOX 0081
N00217 / 000063 NONE CORRESPONDENC NONE 2	08-09-2000 <b>07-03-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST MACH, R.	COMMENTS ON THE PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY WORK PLAN	ADMIN RECORD	010 025 BLDG. 123 PARCEL B PARCEL C PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0001
N00217 / 000102 NONE CORRESPONDENC NONE 2	08-10-2000 <b>07-05-2000</b> NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	SOIL REMEDIATION AREAS, PARCEL C LTR DATED 6/23/00-PROVIDING INFORMATION FOR DISCUSSIONS AT THE 6/29/00 MEETING. AS NOTED AT THE MTG, THE INFORMATION FROM THE 6/23/00 LTR DOES NOT COMPLETELY REFLECT DTSC'S COMMENTS & REMAINING ISSUES NEED TO BE RESOLVED	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0002

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites		CD No.	FRC Box No(s)	
N00217 / 000017 NONE REPORT N62474-94-D-7609 192	08-08-2000 07-14-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION D. DEMARS	DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD INFO REPOSITORY	006 007 010 018 024 PARCEL B		FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0001 30093199	
N00217 / 000055 NONE CORRESPONDENC N62474-94-D-7609 49	08-09-2000 07-14-2000 CTO 0005 & 0011	TETRA TECH EM INC. BIELSKIS, D. NAVFAC - SOUTHWEST DIVISION	PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY WORK PLAN [INCLUDES TRANSMITTAL LETTER] {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD SENSITIVE	BLDG 00123 BLDG 00134 PARCEL B PARCEL C SITE 00010 SITE 00025 SITE 00028 SITE 00036		FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0001 30093199	
N00217 / 000069 TC.0011.10394-1 MISC N62474-94-D-7609 11	08-09-2000 07-21-2000 00011	TETRA TECH EM INC. D. CHOW NAVFAC - SOUTHWEST DIVISION	SOIL REMEDIATION AREAS IN PARCEL C, SUMMARY OF RECOMMENDATIONS FROM RISK MANAGEMENT REVIEW PROCESS [INCLUDES TRANSMITTAL LETTER BY R. MACH]	ADMIN RECORD	025 027 028 029 030 057 058 064 PARCEL C		FRC - PERRIS  IMAGED HPNT_001	181-07-0027 BOX 0002 30093199	
N00217 / 000234 CTO-007/0154 MINUTES N68711-95-D-7526 19	10-27-2000 07-27-2000 CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	27 JULY 2000 RESTORATION ADVISORY BOARD MEETING MINUTES REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E		FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0004 30093199	

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

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Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000252 CTO-007/0178 MINUTES N68711-95-D-7526 30	11-08-2000 <b>07-27-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	27 JULY 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 05/25/00 MEETING MINUTES AND VARIOUS HANDOUTS]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000051 DS.0011.14744 CORRESPONDENC N62474-94-D-7609 599	08-08-2000 <b>07-31-2000</b> 00011	TETRA TECH EM INC. BIELSKIS, D. NAVFAC - SOUTHWEST DIVISION DEMARS, E.	FINAL FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN - PHASE I GROUNDWATER DATA GAPS INVESTIGATION [INCLUDES SWDIV TRANSMITTAL LETTER] {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0001
N00217 / 000179 NONE CORRESPONDENC NONE 2	09-27-2000 <b>08-01-2000</b> NONE	DTSC - SACRAMENTO, CA KENNING, M. DTSC - BERKELEY, CA KAO, C.	REVIEW AND COMMENTS ON THE DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT	ADMIN RECORD INFO REPOSITORY	006 007 010 025 026 PARCEL B	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003
N00217 / 000105 EFAW SER 06CH.RM/635 MINUTES NONE 9	08-10-2000 <b>08-02-2000</b> NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	MEETING MINUTES OF FINAL PARCEL C SOIL REMEDIAL AREAS DATED JUNE 29, 2000 (W/ ENCLOSURE) {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0002
N00217 / 000180 NONE CORRESPONDENC NONE 3	09-28-2000 <b>08-10-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS OF THE DRAFT APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER SAMPLING REPORT (W/ ATTACHMENT)	ADMIN RECORD INFO REPOSITORY	006 007 010 018 026 PARCEL B	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author					Location	FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000114 EFAW SER 06CH.RM/522 MINUTES NONE 15	08-29-2000 <b>08-15-2000</b> NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	BRAC CLEANUP TEAM (BCT) MEETING MINUTES OF 13 JULY 2000 (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0002	
N00217 / 000171 450-03000-190 CORRESPONDENC NONE 18	09-27-2000 <b>08-15-2000</b> NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA RHETT, B. NAVFAC - EFA WEST MACH, R.	COMMENTS BY THE CITY & COUNTY OF SAN FRANCISCO ON THE REMEDIAL DESIGN AMENDMENT - PREPARED BY TREADWELL & ROLLO. SFRA CONCURS WITH COMMENTS BY DTSC & CRWQCB REGARDING APPENDICES 5 & 6. (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	006 007 010 020 024 026 046 060 061 PARCEL B	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003	
N00217 / 000126 SWDIV SER 06CH.RM/672 CORRESPONDENC N62474-93-D-2151 276	08-29-2000 <b>08-21-2000</b> DO 0109	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT CHEMICAL OXIDATION TREATABILITY STUDIES WORK PLAN FOR REMEDIAL UNITS 2, 4, 5, AND 6 - PARCEL C, REVISION C (INCLUDES TRANSMITTAL LETTER BY R. MACH & RESPONSE TO COMMENTS ON DRAFT SAMPLING & ANALYSIS PLAN GROUNDWATER TREATABILITY STUDIES)	ADMIN RECORD INFO REPOSITORY	PARCEL C RU 2 RU 4 RU 5 RU 6	FRC - PERRIS  IMAGED HPNT_027	181-07-0027 30093199	BOX 0002	
N00217 / 000159 NONE CORRESPONDENC NONE 8	09-07-2000 <b>08-21-2000</b> NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	COMMENTS ON DRAFT ACTION MEMORANDUM FOR THE TIME CRITICAL REMOVAL ACTION (TCRA) FOR STEAM LINES, FUEL LINES, AND NON VOLATILE ORGANIC COMPOUNDS (VOC) SOIL SITES (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_026	181-07-0027 30093199	BOX 0003	

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

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Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000235 CTO-007/0158 MINUTES N68711-95-D-7526 31	10-27-2000 <b>08-24-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	24 AUGUST 2000 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	BLDG. 411 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0004
N00217 / 000253 CTO-007/0178 MINUTES N68711-95-D-7526 33	11-08-2000 <b>08-24-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	24 AUGUST 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, 07/27/00 MEETING MINUTES , VARIOUS HANDOUTS AND TETRA TECH EMPLOYMENT APPLICATION]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000151 2169.6032 CORRESPONDENC NONE 3	09-07-2000 <b>08-25-2000</b> NONE	CRWQCB - OAKLAND, CA JOB, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON THE DRAFT ACTION MEMORANDUM, TIME CRITICAL REMOVAL ACTION FOR STEAM LINES, FUEL LINES, AND NON-VOC SOIL SITES	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003
N00217 / 000163 450-03100-190 CORRESPONDENC NONE 4	09-26-2000 <b>08-28-2000</b> NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA RHETT, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON SWDIV'S LETTER DATED 21 JULY 2000 REGARDING RECOMMENDATIONS FOR CLEANUP LEVELS AT SOIL SITES	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003
N00217 / 000269 NONE CORRESPONDENC NONE 2	11-22-2000 <b>08-28-2000</b> NONE	SHEPPARD, MULLIN, RICHTER E. MCDANIEL NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS OF THE DRAFT ACTION MEMORANDUM, TIME-CRITICAL REMOVAL ACTION FOR STEAM LINES, FUEL LINES, AND NON-VOLATILE ORGANIC COMPOUND SOIL SITES	ADMIN RECORD	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0005

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.	
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse	
Contr./Guld. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
N00217 / 000270	11-22-2000	SHEPPARD,	REVIEW AND COMMENTS OF THE FIELD	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0005
NONE	08-28-2000	MULLIN, RICHTER	SAMPLING PLAN AND QUALITY		PARCEL D		30093199	
CORRESPONDENC	NONE	& HA	ASSURANCE PROJECT PLAN, PHASE I		WELL IR	IMAGED		
NONE		E. MCDANIEL	GROUNDWATER DATA GAPS		09MW38A	HPNT_002		
3		NAVFAC - EFA	INVESTIGATION (WITH ENCLOSURE)		WELL			
		WEST			IR09MW36A			
		R. MACH			WELL			
					IR09MW37A			
					WELL			
					IR09MW39A			
					WELL			
					IR09MW45F			
					WELL IR09P041A			
					WELL IR09P140A			
					WELL			
					IR28MW313F			
					WELL			
					IR29MW56F			
					WELL			
					IR29MW58F			
					WELL			
					IR29MW85F			
					WELL			
					IR33MW116A			
					WELL			
					IR33MW63A			
					WELL			
					IR36MW16A			
					WELL			
					IR44MW08A			
					WELL			
					PA50MW12A			
N00217 / 000160	09-07-2000	ARC ECOLOGY	COMMENTS ON DRAFT ACTION	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0003
NONE	08-30-2000	C. SHIRLEY	MEMORANDUM, TIME CRITICAL REMOVAL	INFO REPOSITORY	PARCEL D		30093199	
CORRESPONDENC	NONE	NAVFAC - EFA	ACTION FOR STEAM LINES, AND NON-VOC			IMAGED		
NONE		WEST	SOIL SITES			HPNT_001		
2		R. MACH						



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000161 450-03200-190 CORRESPONDENC NONE 4	09-07-2000 08-30-2000 NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA RHETT, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON DRAFT ACTION MEMORANDUM, TIME CRITICAL REMOVAL ACTION FOR STEAM LINES, FUEL LINES, AND NON-VOC SOIL SITES (WITH ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003
N00217 / 000149 DS.0270.15168 REPORT N62474-94-D-7609 204	09-06-2000 08-31-2000 00270	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL APRIL TO JUNE 2000 THIRD QUARTERLY GROUNDWATER (GW) SAMPLING REPORT [INCLUDES RESPONSE TO REGULATORY AGENCY COMMENTS ON DRAFT THIRD QUARTERLY GW SAMPLING REPORT](CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	006 007 010 018 024 PARCEL B	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0003
N00217 / 000399 EFAW SER 06CH.RM/705 CORRESPONDENC NONE 9	04-13-2001 08-31-2000 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY'S ENVIRONMENTAL RESTORATION JULY 2000 MONTHLY PROGRESS REPORT (MPR) (WITH ENCLOSURE) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0008
N00217 / 000258 NONE MISC NONE 10	11-08-2000 09-01-2000 NONE	NAVFAC - SOUTHWEST DIVISION  NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: "PARCEL B CLEANUP MOVING FORWARD"	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000166 DS.0201.15251-1 REPORT N62474-94-D-7609 300	09-26-2000 <b>09-07-2000</b> 00201	TETRA TECH EM INC. SHOFF, T. VARIOUS AGENCIES	DRAFT FINAL PARCEL B REMEDIAL DESIGN DOCUMENTS AMENDMENT, FIELD SAMPLING PLAN & QUALITY ASSURANCE PROJECT PLAN FOR CONFIRMATION SAMPLING & ANALYSIS PLAN, PARCEL B REMEDIAL ACTION, REVISION 1 {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	006 007 010 018 020 023 024 026 046 050 BLDG. 123 PARCEL B	CHOICE IMAGING SOLUTIONS SW-20090717-1/8		
N00217 / 000168 DS.0011.14917 REPORT N62474-94-D-7609 67	09-26-2000 <b>09-13-2000</b> 00011	TETRA TECH EM INC.  VARIOUS AGENCIES	FINAL TIME-CRITICAL REMOVAL ACTION FOR STEAM LINES, FUEL LINES AND NON- VOLATILE ORGANIC COMPOUND SOIL SITES {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_026	181-07-0027 30093199	BOX 0003
N00217 / 000239 NONE CORRESPONDENC NONE 2	10-27-2000 <b>10-18-2000</b> NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS ON THE FINAL ACTION MEMORANDUM FOR TIME- CRITICAL REMOVAL ACTION AT PARCELS C AND D STEAM LINES, FUEL LINES, AND NON-VOLATILE ORGANIC COMPOUND SITES	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0004
N00217 / 000240 EFAW SER 06CH.RM/851 REPORT NONE 8	10-27-2000 <b>10-19-2000</b> NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH ARMORIZATION CONCEPTUAL DESIGN {PORTION OF MAILING LIST IS CONFIDENTIAL} (WITH ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0004

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N00217 / 000409 SWDIV SER 06CH.RM/796 REPORT N62474-93-D-2151 227	05-04-2001 <b>10-20-2000</b> DO 0109	IT CORPORATION GARANT, M. NAVFAC - SOUTHWEST DIVISION	FINAL CHEMICAL OXIDATION TREATABILITY STUDIES WORK PLAN FOR REMEDIAL UNITS 2, 4, 5, & 6 - PARCEL C [INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH AND RESPONSE TO COMMENTS ON THE DRAFT DATED 09/05/00 AND 10/16/00] {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C RU-2 RU-4 RU-5 RU-6	FRC - PERRIS  IMAGED HPNT_019	181-07-0027 30093199	BOX 0008
N00217 / 000242 EFAW SER 06CH.RM/853 MINUTES NONE 6	10-27-2000 <b>10-24-2000</b> NONE	NAVFAC - EFA WEST MACH, R. VARIOUS AGENCIES	03 OCTOBER 2000 FINAL PARCEL C TIME- CRITICAL REMOVAL ACTION (TCRA) COPC MEETING MINUTES (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000256 CTO-007/0178 MINUTES N68711-95-D-7526 19	11-08-2000 <b>10-26-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	26 OCTOBER 2000 RESTORATION ADVISORY BOARD (RAB) MEETING HANDOUTS [INCLUDES AGENDA, MEETING MINUTES, VARIOUS HANDOUTS, SEPTEMBER 2000 MONTHLY PROGRESS REPORT AND FACT SHEET NO. 3]	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000289 NONE CORRESPONDENC NONE 2	11-22-2000 <b>10-31-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA TROMBADORE, C. NAVFAC - EFA WEST MACH, R.	REVIEW OF NAVY TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH AMORIZATION CONCEPTUAL DESIGN (SEE AR #240 & 290 - TECHNICAL JUSTIFICATION & COMMENTS BY SFRA)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000297 NONE CORRESPONDENC NONE 2	12-18-2000 <b>10-31-2000</b> NONE	CRWQCB - SAN FRANCISCO, CA JOB, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE BEACH ARMORIZATION CONCEPTUAL DESIGN (SEE AR #240 - DOCUMENT)	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0006

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Contr./Guid. No.	CTO No.	Recipient Affil.	Author	Location	FRC Accession No.	Record Date	Author	FRC Accession No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Warehouse	FRC Box No(s)
N00217 / 000290 450-04400-190 CORRESPONDENC NONE 5	11-22-2000 <b>11-02-2000</b> NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA RHETT, B. NAVFAC - EFA WEST MACH, R.	COMMENTS ON THE NAVY TECHNICAL JUSTIFICATION FOR THE PARCEL B THROUGH F INTERFACE, BEACH ARMORIZATION CONCEPTUAL DESIGN [PORTION OF MAILING LIST IS CONFIDENTIAL] (SEE AR #240 - TECHNICAL JUSTIFICATION AND #289 - COMMENTS)	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0005
N00217 / 000267 DS.0011.15693 & SWDIV SER 06CH.RM/938 CORRESPONDENC N62474-94-D-7609 633	11-22-2000 <b>11-16-2000</b> 00011	TETRA TECH EM INC. D. BIELSKIS NAVFAC - SOUTHWEST DIVISION	DRAFT SAMPLING AND ANALYSIS PLAN OVERVIEW, PARCEL C - SOIL SITE DELINEATION [INCLUDES TRANSMITTAL LETTER BY R. MACH] {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0005
N00217 / 000302 DS.0011.14441 & SWDIV SER 06CH.RM/860 REPORT N62474-94-D-7609 33	12-18-2000 <b>11-17-2000</b> CTO 0011	TETRA TECH EM INC. LI, T. NAVFAC - SOUTHWEST DIVISION	GROUNDWATER BENEFICIAL USE EVALUATION, PARCELS C, D AND E [INCLUDES TRANSMITTAL LETTER FROM R. MACH (SWDIV), PORTION OF MAILING LIST IS CONFIDENTIAL] (SEE AR #325, 326 & 342 - COMMENTS & #359 - RESPONSE TO COMMENTS)	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0006
N00217 / 000325 NONE CORRESPONDENC NONE 2	12-26-2000 <b>11-29-2000</b> NONE	CRWQCB - SAN FRANCISCO, CA JOB, B. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON GROUNDWATER BENEFICIAL USE EVALUATION, PARCELS C,D, AND E (SEE AR #302 - EVALUATION, #326 & 342 - COMMENTS & #359 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000313 DS.0011.15701 & SWDIV SER06CH.RM/964 REPORT N62474-94-D-7609 476	12-19-2000 <b>12-01-2000</b> 00011	TETRA TECH EM INC. T. LI NAVFAC - SOUTHWEST DIVISION D. DEMARS	TECHNICAL MEMORANDUM INFORMATION PACKAGE FOR THE PHASE I GROUNDWATER DATA GAPS INVESTIGATION (PORTION OF MAILING LIST IS CONFIDENTIAL;CD COPY ENCLOSED) (SEE AR #339 - REVISED INFORMATION PACKAGE)	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0006

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N00217 / 000326 NONE CORRESPONDENC NONE 4	12-26-2000 <b>12-05-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON GROUNDWATER BENEFICIAL USE EVALUATION PARCELS C,D, AND E (SEE AR #302 - EVALUATION, #325 & 342 - COMMENTS & RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000358 CTO-007/0197 MINUTES N68711-95-D-7526 78	02-07-2001 <b>12-07-2000</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	REPORTER'S TRANSCRIPT OF THE 07 DECEMBER 2000 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES RAB MEETING MINUTES OF 26 OCTOBER 2000, AGENDA, PUBLIC NOTICE, AND HANDOUTS	ADMIN RECORD	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F SITE 00003	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007
N00217 / 000329 NONE CORRESPONDENC NONE 3	12-26-2000 <b>12-08-2000</b> NONE	U.S. EPA - SAN FRANCISCO, CA LAUTH, S. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON DRAFT SAMPLING AND ANALYSIS PLAN PARCEL C SOIL SITE DELINEATION (SEE AR #267 - DOCUMENT, #343 - COMMENTS BY SFRA & #344 - COMMENTS BY DTSC)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0006
N00217 / 000342 WBB-65622 CORRESPONDENC NONE 3	01-22-2001 <b>12-18-2000</b> NONE	SHEPPARD, MULLIN, RICHTER & HA M. MCDANIEL NAVFAC - EFA WEST R. MACH	COMMENTS ON THE GROUNDWATER BENEFICIAL USE EVALUATION FOR PARCELS C, D, & E (WITH ENLCOSURE) (SEE AR #302 - EVALUATION, #325 - COMMENTS BY CRWQCB, & #326 - COMMENTS BY EPA & #359 - RESPONSE TO COMMENTS)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007
N00217 / 000343 NONE CORRESPONDENC NONE 6	01-22-2001 <b>12-18-2000</b> NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA CAPOBRES, D. NAVFAC - EFA WEST MACH, R.	COMMENTS OF THE DRAFT SAMPLING AND ANALYSIS PLAN FOR PARCEL C, SOIL SITE DELINEATION	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007

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N00217 / 000344 NONE CORRESPONDENC NONE 12	01-22-2001 12-18-2000 NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	REVIEW AND COMMENTS OF THE DRAFT SAMPLING AND ANALYSIS PLAN FOR PARCEL C, SOIL SITE DELINEATION (SEE AR #267 - PLAN, #329 - COMMENTS BY EPA, #343 - COMMENTS BY SFRA)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000332 DS.0011.15702; 15702-1 & SWDIV SER 06CH.RM/033&390 CORRESPONDENC N62474-94-D-7609 249	01-11-2001 01-08-2001 00011	TETRA TECH EM INC. LI, T. NAVFAC - SOUTHWEST DIVISION	FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR PHASE II GROUNDWATER DATA GAPS INVESTIGATION (INCLUDES SWDIV TRANSMITTAL LETTERS BY R. MACH) {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0006	
N00217 / 000339 DS.0011.15701-1 & SWDIV SER 06CH.RM/032 & 0390 REPORT N62474-94-D-7609 560	01-22-2001 01-08-2001 00011	TETRA TECH EM INC. T. LI NAVFAC - SOUTHWEST DIVISION	TECHNICAL MEMORANDUM, REVISED INFORMATION PACKAGE FOR THE PHASE I GROUNDWATER DATA GAPS INVESTIGATION (INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH) (PORTION OF MAILING LIST IS CONFIDENTIAL) (CD COPY ENCLOSED) (SEE AR #313 - INFORMATION PACKAGE)	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_001	181-07-0027 30093199	BOX 0007	
N00217 / 000367 DS.0011.15694 & 15694-1 & SWDIV SER 06CH.RM/0076 CORRESPONDENC N62474-94-D-7609 666	03-02-2001 01-18-2001 00011	TETRA TECH EM INC. M. WANTA NAVFAC - SOUTHWEST DIVISION	FINAL SAMPLING AND ANALYSIS PLAN OVERVIEW, PARCEL C - SOIL SITE DELINEATION (INCLUDES SWDIV TRANSMITTAL LETTER BY R. MACH, FSP, QUALITY ASSURANCE PROJECT PLAN (QAPP) AND REPLACEMENT PAGES FOR APPENDICES A & B ISSUED 06/25/01]	ADMIN RECORD	025 028 029 030 058 064 PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	
N00217 / 000363 CTO-007/0203 & 0207 MISC N68711-95-D-7526 64	02-19-2001 01-25-2001 00007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 25 JANUARY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 25 JANUARY 2001 MEETING	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007	

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N00217 / 000384 NONE MISC NONE 35	04-03-2001 <b>02-07-2001</b> NONE	DTSC - BERKELEY C. PING KAO NAVFAC - EFA WEST R. MACH	DTSC REVIEW OF AND COMMENTS ON THE REVISED INFORMATION PACKAGE FOR THE PHASE I GROUNDWATER DATA GAP INVESTIGATION AND FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDA FOR PHASE II GROUNDWATER DATA GAP INVESTIGATION	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0008
N00217 / 000359 TC.0011.10845 & 06CH.RM/0156 CORRESPONDENC N62474-94-D-7609 16	02-12-2001 <b>02-08-2001</b> 00011	NAVFAC - SOUTHWEST DIVISION  VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE GROUNDWATER BENEFICIAL USE EVALUATION FOR PARCELS C, D, AND E [INCLUDES SWDIV TRANSMITTAL LETTER BY R.MACH]	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007
N00217 / 000364 CTO-007/0205 MISC N68711-95-D-7526 13	02-19-2001 <b>02-15-2001</b> 00007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: PARCEL E CAPPING AND FIRE UPDATE; OCTOBER THROUGH DECEMBER 2000	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007
N00217 / 000387 NONE CORRESPONDENC NONE 4	04-04-2001 <b>02-21-2001</b> NONE	DTSC - BERKELEY C. KAO NAVFAC - EFA WEST R. MACH	DTSC COMMENTS OF THE FINAL SAMPLING AND ANALYSIS PLAN TIME-CRITICAL REMOVAL ACTION, PARCEL C SITE DELINEATION	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0008
N00217 / 000362 CTO-007/0202 & 0213 MISC N68711-95-D-7526 61	02-19-2001 <b>02-22-2001</b> 00007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 22 FEBRUARY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 22 FEBRUARY 2001 MEETING (MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0007

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
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N00217 / 000388 EFAW SER 06CH.RM/0166 CORRESPONDENC NONE 7	04-04-2001 02-22-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	NAVY PROPOSAL TO PREPARE AN EXPLANATION OF SIGNIFICANT DIFFERENCES TO THE RECORD OF DECISION AND RESPONSE TO EPA, CRWQCB & CITY OF SAN FRANCISCO COMMENTS	ADMIN RECORD	007 010-1 025 BLDG. 123 PARCEL B PARCEL C PARCEL F	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0008	
N00217 / 000411 450-00401-190 CORRESPONDENC NONE 4	05-04-2001 03-02-2001 NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA CAPOBRES, D. NAVFAC - EFA WEST MACH, R.	RESPONSE TO NAVY'S RESPONSE TO COMMENTS ON THE FINAL SAMPLING AND ANALYSIS PLAN, PARCEL C SOIL SITE DELINEATION {SEE AR #367 - FINAL SAP}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0009	
N00217 / 000393 EFAW SER 06CH.RM/0249 CORRESPONDENC NONE 4	04-04-2001 03-16-2001 NONE	NAVFAC - EFA WEST R. MACH VARIOUS AGENCIES	LETTER TO STATE NAVY'S POSITION REGARDING SIX ISSUES RELATED TO THE PARCEL B RECORD OF DECISION (ROD)	ADMIN RECORD	010 025 BLDG. 123 PARCEL B PARCEL C PARCEL F	FRC - PERRIS  IMAGED HPNT_004	181-07-0027 30093199	BOX 0008	
N00217 / 000379 1171 CORRESPONDENC N62474-98-D-2076 143	04-03-2001 03-26-2001 00030	IT CORPORATION M. GARANT NAVFAC - SOUTHWEST DIVISION	FINAL SITE HEALTH AND SAFETY PLAN, CHEMICAL OXIDATION TREATABILITY STUDY, REMEDIAL UNITS 2, 4, 5, AND 6 AT PARCEL C, REVISION 0	ADMIN RECORD	PARCEL C REMEDIAL UNIT 2 REMEDIAL UNIT 4 REMEDIAL UNIT 5 REMEDIAL UNIT 6	FRC - PERRIS  IMAGED HPNT_028	181-07-0027 30093199	BOX 0008	
N00217 / 000726 1199 REPORT N62474-98-D-2076 47	06-19-2003 04-05-2001 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	PROGRESS REPORT FOR SOIL VAPOR EXTRACTION (SVE) AT PARCEL C INSTALLATION RESTORATION SITES, REVISION 0	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0026	



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N00217 / 000430 DS.0011.14442 REPORT N62474-94-D-7609 44	05-04-2001 <b>04-12-2001</b> 00011	TETRA TECH EM INC. T. LI NAVFAC - SOUTHWEST DIVISION	FINAL GROUNDWATER BENEFICIAL USE DETERMINATION FOR A-AQUIFER (SEE AR #493 - REVISED FINAL GROUNDWATER BENEFICIAL USE)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0009
N00217 / 000437 CTO-007/0225 MINUTES N68711-95-D-7526 105	06-05-2001 <b>04-26-2001</b> CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 26 APRIL 2001 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, MEETING TRANSCRIPT FROM THE 4/26/01 MEETING, MINUTES FROM THE 3/22/01 MEETING, HANDOUTS, RAB APPLICATIONS & MAILING LIST	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0009
N00217 / 000456 450-01401-190 CORRESPONDENC NONE 2	07-26-2001 <b>05-02-2001</b> NONE	SF REDEVELOPMENT AGENCY - SAN FRANCISCO, CA CAPOBRES, A. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON THE DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN FOR PARCELS C, D, AND E {SEE AR #465 - COMMENTS BY CRWQCB}	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0010
N00217 / 000436 CTO-007/0224 & 0228 MINUTES N68711-95-D-7526 73	06-05-2001 <b>05-24-2001</b> CTO 0007	BECHTEL NATIONAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 24 MAY 2001 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES REPORTER'S TRANSCRIPT OF 5/24/01 MEETING, AGENDA, PUBLIC NOTICE, MINUTES FROM THE 04/26/01 MEETING, LIST OF ATTENDEES, HANDOUTS, [*SEE COMMENTS]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0009
N00217 / 000723 1532 REPORT N62474-98-D-2076 57	06-19-2003 <b>06-05-2001</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	PROGRESS REPORT FOR SOIL VAPOR EXTRACTION (SVE) PILOT TEST	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0026

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N00217 / 000465 2169.6032 CORRESPONDENC NONE 3	07-26-2001 <b>06-14-2001</b> NONE	CRWQCB - OAKLAND, CA JOB, B. NAVFAC - EFA WEST MACH, R.	REVIEW AND COMMENTS ON THE DRAFT PETROLEUM HYDROCARBON CORRECTIVE ACTION PLAN FOR PARCELS C, D, AND E (SEE AR #456 - COMMENTS BY SFRA)	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0010 30093199
N00217 / 000491 TC.0011.11067 & SWDIV SER 06CH.RM/0537 MISC N62474-94-D-7609 57	08-10-2001 <b>06-21-2001</b> 00011	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	RESPONSE TO DTSC, SFRA, AND EPA COMMENTS ON THE FINAL SAMPLING AND ANALYSIS PLAN & QUALITY ASSURANCE PROJECT PLAN FOR PARCEL C, SOIL SITE DELINEATION - INCLUDES ATTACHMENTS & SWDIV TRANSMITTAL LETTER BY R. MACH	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0011 30093199
N00217 / 000483 CTO-007/0234 MINUTES N68711-95-D-7526 114	07-26-2001 <b>06-28-2001</b> CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	MEETING MATERIALS FOR THE RESTORATION ADVISORY BOARD MEETING HELD ON 28 JUNE 2001 - INCLUDES AGENDA, PUBLIC NOTICE, REPORTER'S TRANSCRIPT OF 6/28/01 & MEETING MINUTES OF 5/24/01, FACT SHEET DATED 6/19/01 FOR PARCEL B SANDBLAST GRIT & HANDOUTS	ADMIN RECORD SENSITIVE	007 PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0010 30093199
N00217 / 000489 DS.0011.15703 & SWDIV SER 06CH.RM/0744 REPORT N62474-94-D-7609 687	08-10-2001 <b>08-03-2001</b> 00011	TETRA TECH EM INC. R. LANTZ NAVFAC - SOUTHWEST DIVISION	PARCEL C INFORMATION PACKAGE - PHASE II GROUNDWATER DATA GAPS INVESTIGATION (VOLUMES I-II OF II) [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	025 028 029 BLDG. 134 PARCEL C	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0010 30093199

UIC No. / Rec. No.

Doc. Control No.

Record Type

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Approx. # Pages

Prc. Date

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FRC Warehouse

FRC Box No(s) —

N00217 / 000493	08-13-2001	TETRA TECH EM	REVISED FINAL GROUNDWATER	ADMIN RECORD	006	FRC - PERRIS	181-07-0027	BOX 0011
DS.0011.17266 &	<b>08-10-2001</b>	INC.	BENEFICIAL USE DETERMINATION FOR A-	SENSITIVE	008		30093199	
SWDIV SER	00011	T. LI	AQUIFER FOR PARCELS C, D, AND E -		011	IMAGED		
06CH.RM/0745		NAVFAC -	INCLUDES SWDIV TRANSMITTAL LETTER		012	HPNT_025		
REPORT		SOUTHWEST	BY R. MACH & PUBLIC SUMMARY [A		025			
N62474-94-D-7609		DIVISION	PORTION OF THE MAILING LIST IS		028			
42			CONFIDENTIAL] {SEE AR #430 - FINAL		029			
			GROUNDWATER BENEFICIAL USE}		030			
					033			
					039			
					058			
					BLDG. 217			
					BLDG. 241			
					BLDG. 258			
					BLDG. 275			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					SITE 00002			
N00217 / 000728	06-19-2003	IT CORPORATION	DRAFT EVALUATION SOIL VAPOR	ADMIN RECORD	BLDG. 134	FRC - PERRIS	181-07-0027	BOX 0026
2045	<b>09-17-2001</b>		EXTRACTION (SVE) TREATMENT		PARCEL C		30093199	
REPORT	00033	NAVFAC -	EFFECTIVNESS, PARCEL C, REVISION 0			IMAGED		
N62474-98-D-2076		SOUTHWEST				HPNT_027		
20		DIVISION						
N00217 / 000724	06-19-2003	IT CORPORATION	DRAFT SOIL VAPOR TREATABILITY STUDY	ADMIN RECORD	BLDG 00123	CHOICE IMAGING		
2072	<b>09-19-2001</b>	OHANNESSIAN, K.	WORK PLAN ADDENDUM FOR BUILDING		BLDG 00134	SOLUTIONS		
REPORT	CTO 0033	NAVFAC -	SITES		PARCEL B	SW-20090424-1/8		
N62474-98-D-2076		SOUTHWEST			PARCEL C			
60		DIVISION			SITE 00010			
					SITE 00025			
					SITE 00028			
					SITE 00036			

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001444 NONE CORRESPONDENC NONE 4	10-29-2008 10-02-2001 NONE	REDEVELOPMENT AGENCY - SAN FRANCISCO, CA CAPOBRES, D. NAVFAC - SOUTHWEST DIVISION MACH, R.	REVIEW AND COMMENTS ON THE REVISED DRAFT PETROLEUM HYDROCARBON SOIL AND GROUNDWATER SAMPLING PLAN	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-1/7		
N00217 / 001473 NONE CORRESPONDENC NONE 3	11-28-2008 10-08-2001 NONE	DTSC - BERKELEY, CA HAO, C. NAVFAC - SOUTHWEST DIVISION MACH, R.	REVIEW AND COMMENTS ON THE EMERGENCY REMOVAL ACTION NOTIFICATIONS	ADMIN RECORD	DRY DOCK 4 PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090702-1/7		
N00217 / 000531 CTO-007/0265 & 0270 MINUTES N68711-95-D-7526 107	11-29-2001 11-29-2001 CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	29 NOVEMBER 2001 PUBLIC INFORMATION MATERIAL PACKAGE FOR THE RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES FROM MEETING HELD ON 10/24/01, REPORTERS TRANSCRIPT FROM 11/29/01 MEETING AND HANDOUTS	ADMIN RECORD SENSITIVE	DRY DOCK 4 PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_019	181-07-0027 30093199	BOX 0013
N00217 / 000534 DS.0270.17393 & SWDIV SER 06CH.RM/1236 REPORT N62474-94-D-7609 180	12-20-2001 11-30-2001 00270	TETRA TECH EM INC. R. LANTZ NAVFAC - SOUTHWEST DIVISION	DRAFT TECHNICAL MEMORANDUM, PARCEL B GROUNDWATER EVALUATION (INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY R. MACH) {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	006 007 010 018 020 023 024 026 042 060 061 062 PARCEL B	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0013

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Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

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FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000856 2045 REPORT N62474-98-D-2076 586	12-30-2005 <b>12-03-2001</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT SOIL VAPOR EXTRACTION TREATABILITY STUDY REPORT, PARCEL C, REVISION 0	ADMIN RECORD	025 BLDG. 134 PARCEL C	FRC - PERRIS  IMAGED HPNT_027	181-07-0027 30093199	BOX 0032
N00217 / 000539 DS.0011.17531 & SWDIV SER 06CH.RM/1238 REPORT N62474-94-D-7609 24	12-20-2001 <b>12-04-2001</b> CTO 0011	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	SUBMISSION OF FINAL ACTION MEMORANDUM FOR THE EMERGENCY REMOVAL ACTION ENCAPSULATION OF DRAINAGE CULVERT SEDIMENT (W/ENCLOSURE) (PORTION OF MAILING LIST IS SENSITIVE) (CD COPY ENCLOSED)	ADMIN RECORD SENSITIVE	DRY DOCK 4 PARCEL C SITE 00057	FRC - PERRIS  IMAGED HPNT_018	181-07-0027 30093199	BOX 0013
N00217 / 001449 FILE NO. 2169.6032 (MBR) CORRESPONDENC NONE 2	10-29-2008 <b>12-20-2001</b> NONE	CRWQCB - OAKLAND, CA ROCHETTE, M. NAVFAC - SOUTHWEST DIVISION MACH, R.	REVIEW AND COMMENTS ON THE REVISED DRAFT PETROLEUM HYDROCARBON SOIL AND GROUNDWATER SAMPLING PLAN	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-1/7		
N00217 / 000552 TC.0201.11016 & SWDIV SER 06CH.RM/1244 REPORT N62474-94-D-7609 241	01-04-2002 <b>12-21-2001</b> 00201	TETRA TECH EM INC. T. SHOFF NAVFAC - SOUTHWEST DIVISION	FINAL EVALUATION OF AMBIENT MANGANESE CONDITIONS (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0013
N00217 / 000734 3278 REPORT N62474-98-D-2076 618	06-19-2003 <b>12-31-2001</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, BUILDING 134, INSTALLATION RESTORATION SITE 25, PARCEL C, REVISION 0	ADMIN RECORD	025 BLDG. 134 PARCEL C	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0027

UIC No. / Rec. No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Doc. Control No.	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Record Type	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)
Contr./Guid. No.	EPA Cat. #	Recipient	Subject	Classification	Sites		
Approx. # Pages							
N00217 / 000557 CTO-007/0275 & 0282 MINUTES N68711-95-D-7526 91	04-02-2002 <b>01-24-2002</b> CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS PACKAGE FOR THE 24 JANUARY 2002 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, ATTENDANCE LIST, MEETING MINUTES FROM 11/29/01 MEETING, REPORTERS TRANSCRIPT OF 01/24/02 MEETING & HANDOUTS	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0014 30093199
N00217 / 000580 DS.0011.17267 & SWDIV SER 06CH.RM/0109 REPORT N62474-94-D-7609 336	04-05-2002 <b>02-05-2002</b> 00011	TETRA TECH EM INC. LI, T. NAVFAC - SOUTHWEST DIVISION	FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR PHASE III GROUNDWATER DATA GAPS INVESTIGATION (ADDENDUM II) [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER] (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED)	ADMIN RECORD SENSITIVE	006 021 022 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00001	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 BOX 0014 30093199
N00217 / 000662 TC-0201-11411 & SWDIV SER 06CC.KF/0113 CORRESPONDENC N62474-94-D-7609 9	01-03-2003 <b>02-19-2002</b> CTO 0201	NAVFAC - EFA WEST FORMAN, K. NAVFAC - SOUTHWEST DIVISION	TRANSMITTAL OF MEMORANDUM, DEFINITION OF THE INSTALLATION RESTORATION SITE BOUNDARY (W/ ENCLOSURE) (PORTION OF MAILING LIST IS SENSITIVE)	ADMIN RECORD SENSITIVE	PARCEL C SITE 00025	CHOICE IMAGING SOLUTIONS SW-20090313-3/7	
N00217 / 000589 CTO-007/0285 & 0291 MINUTES N68711-95-D-7526 79	04-09-2002 <b>02-28-2002</b> CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIAL PACKAGE FOR THE 28 FEBRUARY 2002 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES FROM 01/24/02 MEETING, REPORTERS TRANSCRIPT OF 02/28/02 MEETING, ATTENDANCE SHEET AND HANDOUTS	ADMIN RECORD SENSITIVE	010 PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 BOX 0015 30093199
N00217 / 000732 2049 REPORT N62474-98-D-2076 437	06-19-2003 <b>02-28-2002</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, BUILDING 272, INSTALLATION RESTORATION SITE 28, PARCEL C, REVISION 0	ADMIN RECORD	028 BLDG. 272 PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 BOX 0026 30093199

UIC No. / Rec. No.

Doc. Control No.

Record Type

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Approx. # Pages

Prc. Date

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CTO No.

EPA Cat. #

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FRC Box No(s)

N00217 / 000583 CTO-007/0281 MISC N68711-95-D-7526 11	04-05-2002 <b>03-07-2002</b> 00007	BECHTEL ENVIRONMENTAL, INC. J. BAILEY NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER: BAY AREA RAB MEMBERS PARTICIPATE AT WORKSHOP, OCTOBER-DECEMBER 2001 - INCLUDES E-MAIL AND MAILING LIST {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	010 026 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0015
N00217 / 000596 DS.A002.10000 & SWDIV SER 06KF/0214 REPORT N68711-00-D-0005 5607	04-16-2002 <b>03-15-2002</b> DO 0002	TETRA TECH EM INC. M. WANTA NAVFAC - SOUTHWEST DIVISION P. BROOKS	DRAFT TIME-CRITICAL REMOVAL ACTION CLOSEOUT REPORT, PARCEL C (VOLUMES I - VI OF VI) - INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN AND PUBLIC SUMMARY [THE MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	PARCEL C	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0016 BOX 0017
N00217 / 000590 DS.A003.10001 REPORT N68711-00-D-0005 141	04-09-2002 <b>03-21-2002</b> DO 0003	TETRA TECH EM INC. WANTA, M. NAVFAC - SOUTHWEST DIVISION DEMARS, D.	BASEWIDE HEALTH AND SAFETY PLAN {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0015
N00217 / 000729 2046 REPORT N62474-98-D-2076 612	06-19-2003 <b>03-21-2002</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, BUILDING 211/253, INSTALLATION RESTORATION SITE 28, PARCEL C, REVISION 0	ADMIN RECORD	028 BLDG. 211 BLDG. 253 PARCEL C	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 30093199	BOX 0026
N00217 / 000603 CTO-007/0299 MISC N68711-95-D-7526 108	06-27-2002 <b>03-28-2002</b> 00007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE 28 MARCH 2002 RESTORATION ADVISORY BOARD MEETING INCLUDING: AGENDA, PUBLIC NOTICE, MINUTES FROM 02/28/02 MEETING, TRANSCRIPT OF 28 MARCH MEETING, PROPOSED AMENDED RAB BYLAWS, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD	PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0017

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Type	Record Date	Author						
Contr./Guid. No.	CTO No.	CTO No.	Recipient Affil.						
Approx. # Pages	EPA Cat. #		Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)	
N00217 / 000595 FWSD-RAC-02-0687 & SWDIV SER 06CH.KF/0322 CORRESPONDENC N68711-98-D-5713 294	04-10-2002 <b>04-03-2002</b> 00046		FOSTER WHEELER G. STARR NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN - INDUSTRIAL PROCESS EQUIPMENT SURVEY, SAMPLING, DECONTAMINATION, AND WASTE CONSOLIDATION PARCELS C, D, AND E, REV. 0 - INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_010	181-07-0027 BOX 0016 30093199	
N00217 / 004089 FWSD-RAC-02-0834 REPORT N68711-98-D-5713 150	01-13-2005 <b>04-19-2002</b> CTO 0046		FOSTER WHEELER MARGOTTO, R. NAVFAC - SOUTHWEST DIVISION	FINAL HEALTH AND SAFETY PLAN FOR THE INDUSTRIAL PROCESS EQUIPMENT SURVEY, SAMPLING, DECONTAMINATION, AND WASTE CONSOLIDATION	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-2/7		
N00217 / 004150 NONE CORRESPONDENC NONE 13	06-21-2005 <b>04-19-2002</b> NONE		FOSTER WHEELER TYAHLA, S. NAVFAC - EFA WEST	RESPONSE TO COMMENTS ON THE DRAFT HEALTH AND SAFETY PLAN INDUSTRIAL PROCESS EQUIPMENT SURVEY, SAMPLING, DECONTAMINATION, AND WASTE CONSOLIDATION	ADMIN RECORD	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-5/7		
N00217 / 000615 CTO-007/0311 MISC N68711-95-D-7526 77	08-09-2002 <b>04-25-2002</b> 00007		BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 25 APRIL 2002 RESTORATION ADVISORY BOARD MEETING WHICH INCLUDES: AGENDA, PUBLIC NOTICE, MINUTES FROM 28 MARCH 2002 MEETING, TRANSCRIPT OF MINUTES FROM 25 APRIL 2002 MEETING, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD INFO REPOSITORY	007 018 029 BLDG. 123 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_006	181-07-0027 BOX 0019 30093199	



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Prs. Date

Record Date

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EPA Cat. #

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FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000733 2048 REPORT N62474-98-D-2076 488	06-19-2003 <b>04-29-2002</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, BUILDING 251, INSTALLATION RESTORATION SITE 28, PARCEL C, REVISION 0	ADMIN RECORD	028 BLDG. 251 PARCEL C	FRC - PERRIS  IMAGED HPNT_028	181-07-0027 30093199	BOX 0026
N00217 / 000736 2047 REPORT N62474-98-D-2076 516	06-19-2003 <b>05-23-2002</b> 00033	IT CORPORATION  NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II SOIL VAPOR EXTRACTION (SVE) TREATABILITY STUDY REPORT, PARCEL C, REVISION 0 (INCLUDES ELECTRONIC MAIL CORRESPONDENCE)	ADMIN RECORD	028 BLDG. 231 PARCEL C	FRC - PERRIS  IMAGED HPNT_027	181-07-0027 30093199	BOX 0027
N00217 / 000605 DS.A011.10011 CORRESPONDENC N68711-00-D-0005 395	06-27-2002 <b>05-28-2002</b> DO 0011	TETRA TECH EM INC. WANTA, M. NAVFAC - SOUTHWEST DIVISION	REVISED FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN ADDENDA FOR THE PHASE III GROUNDWATER DATA GAPS INVESTIGATION (ADDENDUM II) {SEE AR #580 - ORIGINAL VERSION}	ADMIN RECORD	PARCEL C PARCEL D PARCEL E RU-C1 RU-C2 RU-C5 SITE 00003	FRC - PERRIS  IMAGED HPNT_002	181-07-0027 30093199	BOX 0017
N00217 / 000606 TC.0011.11581 & SWDIV SER 06CH.KF/0554 MISC N62474-94-D-7609 39	06-27-2002 <b>05-29-2002</b> 00011	NAVFAC - SOUTHWEST DIVISION K. FORMAN VARIOUS AGENCIES	TRANSMITTAL OF COMPILED RESPONSES TO COMMENTS ON THE PARCEL C INFORMATION PACKAGE - PHASE II GROUNDWATER DATA GAPS INVESTIGATION {COMMENTS BY EPA & DTSC} (W/ ENCLOSURE 1) [SEE AR #607 - ENCLOSURE 2 AND #609 - ENCLOSURE 3]	ADMIN RECORD SENSITIVE	025 028 029 BLDG. 134 PARCEL C	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0017

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Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

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Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000609	06-27-2002	NAVFAC -	TRANSMITTAL OF COMPILED RESPONSE	ADMIN RECORD	006	FRC - PERRIS	181-07-0027	BOX 0017
TC.0011.11581 &	05-29-2002	SOUTHWEST	TO COMMENTS ON THE REVISED FINAL	SENSITIVE	011		30093199	
SWDIV SER	00011	DIVISION	GROUNDWATER BENEFICIAL USE		012	IMAGED		
06CH.KF/0554		K. FORMAN	DETERMINATION FOR A-AQUIFER FOR		028	HPNT_005		
MISC		VARIOUS	PARCELS C, D, AND E (COMMENTS BY EPA)		029			
N62474-94-D-7609		AGENCIES	(W/ ENCLOSURE 3) [SEE AR #606 -		030			
9			ENCLOSURE 1 AND #607 - ENCLOSURE 2]		033			
					039			
					058			
					BLDG. 217			
					BLDG. 241			
					BLDG. 258			
					BLDG. 275			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					SITE 00002			
N00217 / 000620	08-09-2002	BECHTEL	PUBLIC INFORMATION MATERIALS FOR	ADMIN RECORD	007	FRC - PERRIS	181-07-0027	BOX 0019
CTO-007/0305	05-30-2002	ENVIRONMENTAL,	THE 30 MAY 2002 RESTORATION ADVISORY	INFO REPOSITORY	012		30093199	
MISC	00007	INC.	BOARD MEETING WHICH INCLUDES:		018	IMAGED		
N68711-95-D-7526		NAVFAC -	AGENDA, PUBLIC NOTICE, MINUTES FROM		021	HPNT_006		
62		SOUTHWEST	25 APRIL 2002 MEETING, TRANSCRIPT OF		059			
		DIVISION	MINUTES FROM 30 MAY 2002 MEETING,		BLDG. 815			
			MONTHLY PROGRESS REPORT, AND		BLDG. 830			
			HANDOUTS		PARCEL A			
					PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					PARCEL F			
					SITE 00001			
					SITE 00003			

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Contr./Guild. No.	CTO No.	Recipent Affil.	Author	Record Type	Record Date	Recipent	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipent	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000602 3873.0 REPORT N62474-98-D-2076 64	06-27-2002 <b>06-06-2002</b> 00082	IT CORPORATION W. SCHAAL NAVFAC - SOUTHWEST DIVISION	DRAFT CHEMICAL OXIDATION BENCH- SCALE TEST REPORT FOR REMEDIAL UNIT 6, PARCEL C - INCLUDES SWDIV TRANSMITTAL LETTER FROM K. FORMAN	ADMIN RECORD SENSITIVE	025 BLDG. 134 PARCEL C RU-6	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0017
N00217 / 000598 TC.0201.11606 & SWDIV SER 06CH.KF/0604 CORRESPONDENC N62474-94-D-7609 54	06-27-2002 <b>06-11-2002</b> 00201	NAVFAC - SOUTHWEST DIVISION K. FORMAN U.S. EPA - SAN FRANCISCO C. TROMBADORE	COMPILED RESPONSE TO COMMENTS ON THE FINAL EVALUATION OF AMBIENT MANGANESE CONDITIONS - INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN [COMMENTS BY EPA, DTSC, & SAN FRANCISCO REDEVELOPMENT AGENCY] (SEE AR #552 - FINAL EVALUATION)	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0017
N00217 / 000621 CTO-007/0312 MISC N68711-95-D-7526 82	08-09-2002 <b>06-27-2002</b> 00007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 27 JUNE 2002 RESTORATION ADVISORY BOARD MEETING WHICH INCLUDES: AGENDA, PUBLIC NOTICE, MINUTES FROM 30 MAY 2002 MEETING, TRANSCRIPT OF MINUTES FROM 27 JUNE 2002 MEETING, MONTHLY PROGRESS REPORT, AND HANDOUTS	ADMIN RECORD INFO REPOSITORY	007 018 059 BLDG. 123 BLDG. 816 BLDG. 821 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_006	181-07-0027 30093199	BOX 0019
N00217 / 000613 TC.0201.11547 & SWDIV SER 06CH.KF/0701 CORRESPONDENC N62474-94-D-7609 137	07-20-2002 <b>07-12-2002</b> 00201	TETRA TECH EM INC. T. O'CONNOR NAVFAC - SOUTHWEST DIVISION	SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN) FOR BASEWIDE GROUNDWATER SAMPLING FOR PETROLEUM HYDROCARBONS [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN]	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_005	181-07-0027 30093199	BOX 0018

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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)		
N00217 / 000614 DS.A002.10027 & SWDIV SER 06CH.KF/0699 REPORT N68711-00-D-0005 3868	07-20-2002 <b>07-12-2002</b> DO 0002	TETRA TECH EM INC. WANTA, M. NAVFAC - SOUTHWEST DIVISION DEMARS, D.	FINAL PARCEL C, TIME-CRITICAL REMOVAL ACTION CLOSEOUT REPORT (VOLUME I-IV OF IV) (INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_006	181-07-0027 BOX 0018 30093199		
N00217 / 000623 DS.A013.10023 & SWDIV SER 06CH.KF/0733 CORRESPONDENC N68711-00-D-0005 177	08-09-2002 <b>07-24-2002</b> DO 0013	TETRA TECH EM INC. FOSTER, M. NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN AND SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN) FOR FEROX INJECTION TECHNOLOGY DEMONSTRATION, PARCEL C REMEDIAL UNIT C4 (INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN)	ADMIN RECORD SENSITIVE	028 BLDG. 272 BLDG. 281 PARCEL C RU-C4	FRC - PERRIS  IMAGED HPNT_013	181-07-0027 BOX 0019 30093199		

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N00217 / 000641	09-26-2002	BECHTEL	PUBLIC INFORMATION MATERIAL PACKAGE	ADMIN RECORD	007	FRC - PERRIS	181-07-0027	BOX 0020
CTO-007/0317 &	07-25-2002	ENVIRONMENTAL,	FOR THE 25 JULY 2002 RESTORATION	INFO REPOSITORY	018		30093199	
0319	00007	INC.	ADVISORY BOARD (RAB) MEETING -	SENSITIVE	021	IMAGED		
MISC			INCLUDES REPORTER'S TRANSCRIPT OF		BLDG. 103	HPNT_013		
N68711-95-D-7526		NAVFAC -	25 JULY 2002 MEETING, AGENDA, MINUTES		BLDG. 113			
102		SOUTHWEST	FROM 27 JUNE 2002 MEETING, MONTHLY		BLDG. 123			
		DIVISION	PROGRESS REPORT, PRESENTATION		BLDG. 130			
			MATERIALS, ETC.		BLDG. 134			
					BLDG. 146			
					BLDG. 211			
					BLDG. 214			
					BLDG. 224			
					BLDG. 241			
					BLDG. 253			
					BLDG. 272			
					BLDG. 274			
					BLDG. 313			
					BLDG. 317			
					BLDG. 322			
					BLDG. 351			
					BLDG. 364			
					BLDG. 365			
					BLDG. 366			
					BLDG. 406			
					BLDG. 414			
					BLDG. 506			
					BLDG. 507			
					BLDG. 509			
					BLDG. 510			
					BLDG. 517			
					BLDG. 520			
					BLDG. 529			
					BLDG. 707			
					BLDG. 708			
					BLDG. 810			

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Record Type	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.		FRC Box No(s)
					BLDG. 815			
					BLDG. 816			
					BLDG. 820			
					BLDG. 821			
					BLDG. 830			
					BLDG. 831			
					PARCEL A			
					PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					SITE 00001			
					SITE 00002			
N00217 / 000610	07-20-2002	TETRA TECH EM	JANUARY TO MARCH 2002 - NINTH	ADMIN RECORD	006	FRC - PERRIS	181-07-0027	BOX 0017
DS.0270.17728 &	08-16-2002	INC.	QUARTERLY GROUNDWATER SAMPLING	SENSITIVE	007		30093199	
DS.0191.17780	00270	R. LANTZ	REPORT, PARCEL B (INCLUDES PUBLIC		010	IMAGED		
REPORT		NAVFAC -	SUMMARY AND SWDIV TRANSMITTAL		018	HPNT_005		
N62474-94-D-7609		SOUTHWEST	LETTER BY K. FORMAN (SER 06CH.KF/0657))		024			
255		DIVISION	{PORTION OF MAILING LIST IS		026			
			CONFIDENTIAL; CD COPY ENCLOSED}		046			
					BLDG. 123			
					PARCEL B			
N00217 / 000631	09-05-2002	FOSTER	FINAL WORK PLAN - INDUSTRIAL PROCESS	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-07-0027	BOX 0019
FWSD-RACIII-02-	08-16-2002	WHEELER	EQUIPMENT SURVEY, SAMPLING,	SENSITIVE	PARCEL D		30093199	
1273 & SWDIV SER	00046	G. STARR	DECONTAMINATION, AND WASTE		PARCEL E	IMAGED		
06CH.KF/0820		NAVFAC -	CONSOLIDATION PARCELS C, D, AND E,			HPNT_010		
CORRESPONDENC		SOUTHWEST	REVISION 0 - (SEE AR #702 - ADDENDUM					
N68711-98-D-5713		DIVISION	TO THE SAP)					
328								

UIC No. / Rec. No.

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Record Type

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Approx. # Pages

Prc. Date

Record Date

CTO No.

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Sites

Location

SWDIV Box No(s)

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N00217 / 000646 CTO-007/0326 MINUTES N68711-95-D-7526 98	11-12-2002 <b>08-22-2002</b> CTO 0007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE 22 AUGUST 2002 PUBLIC MEETING/ RESTORATION ADVISORY BOARD MEETING INCLUDES: AGENDA & PUBLIC NOTICE, MINUTES FROM MEETING OF 25 JULY 2002, PRESENTATION MATERIALS, FACT SHEET, MINUTES FROM VARIOUS OTHER MEETINGS	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 BLDG. 815 BLDG. 820 BLDG. 821 PARCEL A PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_013	181-07-0027 BOX 0020 30093199
N00217 / 000647 DS.A013.10107 & SWDIV SER 06CH.KF/0104 CORRESPONDENC N68711-00-D-0005 215	11-12-2002 <b>10-29-2002</b> DO 0013	TETRA TECH EM INC. FOSTER, M. NAVFAC - SOUTHWEST DIVISION BROOKS, G.	FINAL WORK PLAN AND SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/ QUALITY ASSURANCE PROJECT PLAN) FOR FEROX INJECTION TECHNOLOGY DEMONSTRATION, PARCEL C, REMEDIAL UNIT C4	ADMIN RECORD SENSITIVE	028 BLDG. 272 PARCEL C RU-C4	FRC - PERRIS  IMAGED HPNT_013	181-07-0027 BOX 0020 30093199
N00217 / 000636 DS.0191.17786 & SWDIV SER 06CH.RP/0958, KF/0139 REPORT N62474-94-D-7609 194	09-18-2002 <b>11-08-2002</b> 00191	TETRA TECH EM INC. R. MOEZZI NAVFAC - SOUTHWEST DIVISION	APRIL TO JUNE 2002 - TENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] (PORTION OF MAILING LIST IS CONFIDENTIAL) {CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	006 007 010 025 026 046 061 PARCEL B	FRC - PERRIS  IMAGED HPNT_013	181-07-0027 BOX 0019 30093199
N00217 / 000652 DS.A004.10117 & SWDIV SER 06CH.JP/0172 CORRESPONDENC N68711-00-D-0005 400	11-26-2002 <b>11-22-2002</b> DO 0004	TETRA TECH EM INC. VETROMILE, J. NAVFAC - SOUTHWEST DIVISION PAYNE, J.	REVISED DRAFT PETROLEUM HYDROCARBONS CORRECTIVE ACTION PLAN, PARCELS C, D, & E (INCLUDES SWDIV TRANSMITTAL LETTER) (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090313-3/7	

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Record Type	Record Type	Record Date	Author						
Contr./Guld. No.	CTO No.	CTO No.	Recipient Affil.						
Approx. # Pages	EPA Cat. #	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)	
N00217 / 000657 CTO-007/0335 MISC N68711-95-D-7526 15	12-19-2002 12-12-2002 00007	12-19-2002 12-12-2002 00007	BECHTEL ENVIRONMENTAL, INC.  NAVFAC - SOUTHWEST DIVISION	ENVIRONMENTAL CLEANUP NEWSLETTER SUMMER/FALL EXPANDED ISSUE: "AMBIENT AIR AND SOIL GAS SURVEYS CONDUCTED AT PARCEL E LANDFILL - REMOVAL ACTION UNDERWAY", APRIL- SEPTEMBER 2002 (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD INFO REPOSITORY SENSITIVE	007 018 BLDG. 123 BLDG. 364 BLDG. 406 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL F	FRC - PERRIS  IMAGED HPNT_006	181-07-0027 BOX 0021 30093199	
N00217 / 000654 TC.A047.10035 & 10044 & SER 06CH.KF/0190 & 0325 REPORT N68711-00-D-0005 221	11-27-2002 01-07-2003 DO 0047	11-27-2002 01-07-2003 DO 0047	TETRA TECH EM INC. EARLY, V. NAVFAC - SOUTHWEST DIVISION	JULY TO SEPTEMBER 2002 ELEVENTH QUARTERLY GROUNDWATER SAMPLING REPORT FOR PARCEL B (INCLUDES PUBLIC SUMMARY, RESPONSE TO COMMENTS, AND SWDIV TRANSMITTAL LETTERS BY K. FORMAN) (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED)	ADMIN RECORD SENSITIVE	006 007 008 010 018 020 025 026 046 060 061 062 PARCEL B	FRC - PERRIS  IMAGED HPNT_010	181-07-0027 BOX 0020 30093199	
N00217 / 000674 TC.A013.10051 & SWDIV SER 06CH.KF/0360 CORRESPONDENC N68711-00-D-0005 12	02-07-2003 01-17-2003 DO 0013	02-07-2003 01-17-2003 DO 0013	NAVFAC - SOUTHWEST DIVISION FORMAN, K. VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE FINAL WORK PLAN AND SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN) FOR THE FEROX INJECTION TECHNOLOGY DEMONSTRATION, PARCEL C, REMEDIAL UNIT 4	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D REMEDIAL UNIT 4	FRC - PERRIS  IMAGED HPNT_015	181-07-0027 BOX 0021 30093199	



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CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000622 TC.0191.11659 & DS.A500.10651 REPORT N68711-02-D-8213 & N62474-94-D-7605 88	08-09-2002 <b>02-20-2003</b> DO 0002 & 00191	TETRA TECH EM INC. HUITING, J. NAVFAC - SOUTHWEST DIVISION	FINAL EMERGENCY REMOVAL ACTION CLOSEOUT REPORT, ENCAPSULATION OF DRAINAGE CULVERT SEDIMENT (INCLUDES REPLACEMENT PAGES CONVERTING THE DRAFT DATED 23 JULY 2002 TO FINAL, RESPONSE TO COMMENTS, SWDIV TRANSMITTAL LETTERS, AND CD COPY]	ADMIN RECORD SENSITIVE	DRY DOCK 4 PARCEL C SITE 00057	FRC - PERRIS  IMAGED HPNT_006	181-07-0027 30093199	BOX 0019
N00217 / 000687 DS.A011.10108 & SWDIV SER06CH.KF/0565 REPORT N68711-00-D-0005 5390	04-01-2003 <b>03-19-2003</b> DO 0011	TETRA TECH EM INC. ADAIR, T. NAVFAC - SOUTHWEST DIVISION	DRAFT PARCEL C GROUNDWATER SUMMARY REPORT FOR PHASE III GROUNDWATER DATA GAPS INVESTIGATION [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED}	ADMIN RECORD SENSITIVE	PARCEL C	FRC - PERRIS BX-004, BX-005 IMAGED HPNT_007	181-07-0027 30093199	BOX 0022 BOX 0023
N00217 / 000690 DS.A013.10173 CORRESPONDENC N68711-00-D-0005 270	04-23-2003 <b>04-04-2003</b> DO 0013	TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	LETTER REGARDING USER DATA PACKAGE 3 - RESULTS OF THE POST-INJECTION ROUND 1 GROUNDWATER SAMPLING, PARCEL C TREATABILITY STUDY SUPPORT (W/ ENCLOSURES) {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0023
N00217 / 000691 DS.A013.10172 CORRESPONDENC N68711-00-D-0005 244	04-23-2003 <b>04-04-2003</b> DO 0013	TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	LETTER REGARDING USER DATA PACKAGE 2 - RESULTS OF THE BASELINE GROUNDWATER SAMPLING, PARCEL C TREATABILITY STUDY SUPPORT (W/ ENCLOSURES) {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0023
N00217 / 000692 DS.A013.10171 CORRESPONDENC N68711-00-D-0005 17	04-23-2003 <b>04-04-2003</b> DO 0013	TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	LETTER REGARDING USER DATA PACKAGE 1 - BORING LOGS AND WELL CONSTRUCTION DETAILS, PARCEL C TREATABILITY STUDY SUPPORT (W/ ENCLOSURES) {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0023

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.	
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Approx. # Pages	EPA Cat. #		Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s) —	
N00217 / 000702 FWSD-RAC-1046 & SWDIV SER 06CH.KF/0593 CORRESPONDENC N68711-98-D-5713 36	05-15-2003 <b>04-08-2003</b> 00046		FOSTER WHEELER M. SCHNEIDER NAVFAC - SOUTHWEST DIVISION	ADDENDUM TO THE SAMPLING AND ANALYSIS PLAN - INDUSTRIAL PROCESS EQUIPMENT SURVEY, SAMPLING, DECONTAMINATION, AND WASTE CONSOLIDATION PARCELS C, D, AND E, REVISION 0 [SEE AR #631 - SAP (APPENDIX A) OF FINAL WORK PLAN]	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D PARCEL E	FRC - PERRIS  IMAGED HPNT_010	181-07-0027 30093199	BOX 0024
N00217 / 000698 DS.A013.10834 REPORT N68711-00-D-0005 6	05-15-2003 <b>04-28-2003</b> DO 0013		TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	QUARTERLY STATUS REPORT - FIELD MEASUREMENTS, PARCEL C TREATABILITY STUDY SUPPORT (WITH ENCLOSURES AND CD COPY ENCLOSED)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0024
N00217 / 000697 DS.A013.10174 REPORT N68711-00-D-0005 257	05-15-2003 <b>05-05-2003</b> DO 0013		TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	USER DATA PACKAGE 4 - RESULTS OF THE POST-INJECTION ROUND 2 SAMPLING, PARCEL C TREATABILITY STUDY SUPPORT (WITH ENCLOSURES AND CD COPY ENCLOSED)	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_007	181-07-0027 30093199	BOX 0024
N00217 / 000715 TC.A015.10104 REPORT N68711-00-D-0005 828	06-10-2003 <b>06-03-2003</b> DO 0015		TETRA TECH EM INC. VETROMILE, J. NAVFAC - SOUTHWEST DIVISION BROOKS, G.	INTERNAL DRAFT PARCEL C HUMAN HEALTH RISK ASSESSMENT SUMMARY (CD COPY ENCLOSED)	ADMIN RECORD	PARCEL C	NAVFAC SOUTHWEST - BLDG. 110		
N00217 / 000743 DS.A013.10835 REPORT N68711-00-D-0005 8	07-09-2003 <b>06-19-2003</b> DO 0013		TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	QUARTERLY STATUS REPORT FOR THE GROUNDWATER ELEVATION MAPS, PARCEL C TREATABILITY STUDY SUPPORT {CD COPY ENCLOSED}	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_023	181-07-0027 30093199	BOX 0027

UIC No. / Rec. No.

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N00217 / 000803 28066607.20000 & SWDIV SER 06CH.KF/1035 REPORT N68711-02-D-8304 313	03-11-2004 <b>07-10-2003</b> DO 0003	ENGINEERING/RE MEDIATION RESOURCES GROUP, INC.  NAVFAC - SOUTHWEST DIVISION BROOKS, G.	DRAFT WORK PLAN AND SAMPLING ANALYSIS PLAN FOR ZERO-VALENT IRON INJECTION TREATABILITY STUDY, PARCELS B AND C [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD SENSITIVE	010 028 PARCEL B PARCEL C	FRC - PERRIS  IMAGED HPNT_020	181-07-0027 30093199	BOX 0031
N00217 / 000745 DS.A013.10177 & SWDIV SER 06CH.KF/1034 REPORT N68711-00-D-0005 67	07-24-2003 <b>07-11-2003</b> DO 0013	TETRA TECH EM INC. LANTZ, R. NAVFAC - SOUTHWEST DIVISION BROOKS, G.	FINAL COST AND PERFORMANCE REPORT FEROX INJECTION TECHNOLOGY DEMONSTRATION, PARCEL C, REMEDIAL UNIT C4 [INCLUDES PUBLIC SUMMARY AND SWDIV TRANSMITTAL LETTER] (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED)	ADMIN RECORD SENSITIVE	PARCEL C RU C4	FRC - PERRIS  IMAGED HPNT_023	181-07-0027 30093199	BOX 0027
N00217 / 000752 DS.A013.10836 REPORT N68711-00-D-0005 3	08-26-2003 <b>07-24-2003</b> DO 0013	TETRA TECH EM INC. J. MCCALL NAVFAC - SOUTHWEST DIVISION G. BROOKS	QUARTERLY STATUS REPORT FOR THE PARCEL C TREATABILITY STUDY SUPPORT	ADMIN RECORD	PARCEL C	FRC - PERRIS  IMAGED HPNT_023	181-07-0027 30093199	BOX 0028
N00217 / 004079 DS.A011.10114 & SWDIV SER 06CH.KF/1216 REPORT N68711-00-D-0005 5414	12-01-2004 <b>09-02-2003</b> DO 0011	TETRA TECH EM INC. ADAIR, T. NAVFAC - SOUTHWEST DIVISION BROOKS, G.	FINAL GROUNDWATER SUMMARY REPORT PHASE III GROUNDWATER DATA GAPS INVESTIGATION, VOLUME I-VI OF VI [INCLUDES PUBLIC SUMMARY] (PORTION OF MAILING LIST IS CONFIDENTIAL; CD COPY ENCLOSED)	ADMIN RECORD SENSITIVE	PARCEL C	FRC - PERRIS  IMAGED HPNT_024	181-07-0027 30093199	BOX 0087 BOX 0088

Page 78 of 169

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guld. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

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Sites

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CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000932 FILE NO. 2169.6032(JDP) CORRESPONDENC NONE 4	06-06-2006 <b>06-10-2004</b> NONE	CRWQCB - OAKLAND, CA PONTON, J. NAVFAC - SOUTHWEST FORMAN, K.	COMMENTS ON THE DRAFT WORK PLAN FOR TOTAL PETROLEUM HYDROCARBON PROGRAM - IMPLEMENTATION OR CORRECTIVE ACTION PLAN (CAP) SOIL REMOVAL [W/ ENCLOSURE] {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090401-3/6		
N00217 / 004041 PROJ NO. 02- 125.13 & SWDIV SER 06CH.KF/0595 REPORT NONE 225	07-28-2004 <b>06-11-2004</b> 02-125.13.0007	INNOVATIVE TECHNICAL SOLUTIONS, INC. GILMORE, C. NAVFAC - SOUTHWEST DIVISION	DRAFT WORKPLAN ZERO-VALENT IRON INJECTION TREATABILITY STUDY [INCLUDES SWDIV TRANSMITTAL LETTER BY K. FORMAN] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C	FRC - PERRIS  IMAGED HPNT_016	181-07-0027 30093199	BOX 0085
N00217 / 004095 SWDIV SER 06CH.KF/0698 & PROJECT NO. JV- 13 REPORT N68711-02-D-8310 500	02-02-2005 <b>06-23-2004</b> CTO 0003	TPA-CKY JOINT VENTURE YU, T. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN TOTAL PETROLEUM HYDROCARBON PROGRAM CORRECTIVE ACTION IMPLEMENTATION PLAN - SOIL REMOVAL (PORTION OF MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090401-5/6		
N00217 / 004033 02-125.13.0034 REPORT N68711-01-D-8213 18	07-21-2004 <b>07-13-2004</b> 00012	INNOVATIVE TECHNICAL SOLUTIONS, INC. HESS, J. NAVFAC - SOUTHWEST DIVISION	ADDENDUM 01 TO THE SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN) ZERO-VALENT IRON INJECTION TREATABILITY STUDY [SEE AR# 800 - FINAL WORKPLAN AND SAMPLING PLAN/QUALITY ASSURANCE]	ADMIN RECORD INFO REPOSITORY	PARCEL C	FRC - PERRIS  IMAGED HPNT_025	181-07-0027 30093199	BOX 0084

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.									
Record Type	Record Date	Author										
Contr./Guld. No.	CTO No.	Recipient Affil.										
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location	FRC Accession No.					
						SWDIV Box No(s)	FRC Warehouse					
						CD No.	FRC Box No(s)					
N00217 / 000849	12-05-2005	TETRA TECH EM	22 JULY 2004 RESTORATION ADVISORY	ADMIN RECORD	BLDG 00103	CHOICE IMAGING						
NONE	07-22-2004	INC.	BOARD (RAB) MEETING MINUTES		BLDG 00123	SOLUTIONS						
MINUTES	NONE	HUNTER, C	(INCLUDES AGENDA, JUNE 2004 MONTHLY		BLDG 00134	SW-20090522-1/7						
NONE		RAB MEMBERS	PROGRESS REPORT, 14 JULY 2004 RAB		BLDG 00272							
50			SUBCOMMITTEE MEETING MINUTES, 22 JULY		BLDG 00322							
			2004 MEETING REPORTER'S TRANSCRIPT		BLDG 00813							
			AND VARIOUS HANDOUTS)		BLDG 00815							
					BLDG 00819							
					PARCEL A							
					PARCEL B							
					PARCEL C							
					PARCEL D							
					PARCEL E-2							

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000848

12-05-2005

TETRA TECH EM

26 AUGUST 2004 RESTORATION ADVISORY

ADMIN RECORD

BLDG 00101

CHOICE IMAGING

NONE

08-26-2004

INC.

BOARD MEETING MINUTES (INCLUDES

BLDG 00103

SOLUTIONS

MINUTES

NONE

HUNTER, C

AGENDA, 22 JULY 2004 MEETING MINUTES,

BLDG 00114

SW-20090522-1/7

NONE

RAB MEMBERS

JULY 2004 MONTHLY PROGRESS REPORT,

BLDG 00123

65

11 AUGUST 2004 RAB SUBCOMMITTEE

BLDG 00130

MEETING MINUTES, 18 AUGUST 2004

BLDG 00134

TECHNICAL REVIEW SUBCOMMITTEE

BLDG 00140

MEETING SUMMARY,

BLDG 00142

BLDG 00146

BLDG 00203

BLDG 00211

BLDG 00253

BLDG 00272

BLDG 00322

BLDG 00364

BLDG 00365

BLDG 00366

BLDG 00521

BLDG 00813

BLDG 00816

BLDG 00819

BLDG 00821

BLDG 00901

PARCEL A

PARCEL B

PARCEL C

PARCEL D

PARCEL E

PARCEL E-2

SITE 00002

SITE 00004

SITE 00007

SITE 00018

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 004060  
02-125.13.0002 &  
06CH.KF/0960  
REPORT  
N68711-02-D-8213  
281

09-21-2004  
**09-14-2004**  
00012

INNOVATIVE  
TECHNICAL  
SOLUTIONS, INC.  
GILMORE, C.  
NAVFAC -  
SOUTHWEST  
DIVISION

FINAL WORKPLAN ZERO-VALENT IRON  
INJECTION TREATABILITY STUDY  
[INCLUDES SWDIV TRANSMITTAL LETTER  
BY K. FORMAN] {PORTION OF MAILING LIST  
IS CONFIDENTIAL}

ADMIN RECORD  
INFO REPOSITORY  
SENSITIVE

BLDG. 272  
PARCEL C

FRC - PERRIS  
  
IMAGED  
HPNT\_022

181-07-0027 BOX 0086  
30093199



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000847

12-05-2005

TETRA TECH EM  
INC.

09-23-2004

HUNTER, C  
RAB MEMBERS

NONE

NONE

MINUTES

NONE

80

23 SEPTEMBER 2004 RESTORATION  
ADVISORY BOARD (RAB) MEETING  
(INCLUDES AGENDA, 26 AUGUST 2004  
MEETING MINUTES, AUGUST 2004  
MONTHLY PROGRESS REPORT, 15  
SEPTEMBER 2004 RAB SUBCOMMITTEE  
MEETING MINUTES,

ADMIN RECORD

BLDG 00101

BLDG 00114

BLDG 00123

BLDG 00130

BLDG 00134

BLDG 00142

BLDG 00146

BLDG 00203

BLDG 00211

BLDG 00253

BLDG 00272

BLDG 00322

BLDG 00364

BLDG 00365

BLDG 00366

BLDG 00408

BLDG 00521

BLDG 00813

BLDG 00816

BLDG 00819

BLDG 00821

BLDG 00901

PARCEL A

PARCEL B

PARCEL C

PARCEL D

PARCEL E

SITE 00002

SITE 00007

SITE 00018

CHOICE IMAGING  
SOLUTIONS

SW-20090522-1/7

UIC No. / Rec. No.	Prc. Date	Author Affil.					
Doc. Control No.	Record Date	Author				Location	FRC Accession No.
Record Type	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 000846	12-05-2005	SULTECH	21 OCTOBER 2004 RESTORATION	ADMIN RECORD	BLDG 00101	CHOICE IMAGING	
NONE	10-21-2004	HUNTER, C.	ADVISORY BOARD (RAB) MEETING	SENSITIVE	BLDG 00114	SOLUTIONS	
MINUTES	NONE	RAB MEMBERS	MINUTES (INCLUDES AGENDA, 23		BLDG 00130	SW-20090508-1/7	
NONE			SEPTEMBER 2004 MEETING MINUTES,		BLDG 00140		
65			ECONOMIC SUBCOMMITTEE MEETING		BLDG 00142		
			MINUTES, TECHNICAL REVIEW		BLDG 00146		
			SUBCOMMITTEE SUMMARY, REPORTER'S		BLDG 00211		
			TRANSCRIPT AND VARIOUS HANDOUTS)		BLDG 00253		
					BLDG 00322		
					BLDG 00364		
					BLDG 00366		
					BLDG 00408		
					BLDG 00521		
					BLDG 00813		
					BLDG 00819		
					BLDG 00820		
					BLDG 00901		
					PARCEL A		
					PARCEL C		
					PARCEL E-2		
					SITE 00001		
					SITE 00002		
					SITE 00007		
					SITE 00018		
					SITE 00021		
N00217 / 004030	07-14-2004	TETRA TECH FW	FINAL POST-CONSTRUCTION REPORT -	ADMIN RECORD	PARCEL B	CHOICE IMAGING	
FWSD-RAC-05-	11-02-2004	INC.	DECONTAMINATE PROCESS EQUIPMENT,	INFO REPOSITORY	PARCEL C	SOLUTIONS	
0092 & BRAC SER	CTO 0070	SLATTERY, G.	CONDUCT WASTE CONSOLIDATION AND	SENSITIVE	PARCEL D	SW-20090702-2/7	
BPMOW.KSF/0075		NAVFAC -	ASBESTOS SERVICES [INCLUDES SWDIV		PARCEL E		
REPORT		SOUTHWEST	TRANSMITTAL LETTERS, AND				
N68711-98-D-5713		DIVISION	REPLACEMENT PAGES CONVERTING				
80			DRAFT FINAL DATED 09 JULY 2004 TO				
			FINAL] (CD COPY ENCLOSED)				

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guld. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 004078  
FWSD-RAC-05-  
0092 & BRAC SER  
BPMOW.KSF/0114  
REPORT  
N68711-98-D-5713  
10

11-24-2004  
11-02-2004  
CTO 0070

TETRA TECH FW,  
INC.  
  
NAVFAC -  
SOUTHWEST  
DIVISION

REVIEW OF THE DRAFT FINAL POST-  
CONSTRUCTION REPORT, REVISION 0,  
DECONTAMINATE PROCESS EQUIPMENT,  
CONDUCT WASTE CONSOLIDATION, AND  
PROVIDE ASBESTOS SERVICES DATED  
11/09/04 [INCLUDES SWDIV TRANSMITTAL  
LETTER BY M. AVERY]

ADMIN RECORD  
INFO REPOSITORY

BLDG. 231  
BLDG. 600  
PARCEL B  
PARCEL C  
PARCEL D  
PARCEL E

FRC - PERRIS  
  
IMAGED  
HPNT\_025

181-07-0027 BOX 0087  
30093199

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author							
Contr./Guld. No.	CTO No.	Recipient Affil.							
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)		
N00217 / 000840	12-05-2005	SULTECH	09 DECEMBER 2004 RESTORATION	ADMIN RECORD	BLDG 00101	CHOICE IMAGING			
NONE	12-09-2004	HUNTER, C.	ADVISORY BOARD (RAB) MEETING	SENSITIVE	BLDG 00114	SOLUTIONS			
MINUTES	NONE	RAB MEMBERS	MINUTES (INCLUDES AGENDA, 21		BLDG 00123	SW-20090508-1/7			
NONE			OCTOBER 2004 MONTHLY PROGRESS		BLDG 00134				
65			REPORT, REPORTER'S TRANSCRIPT,		BLDG 00146				
			TECHNICAL REVIEW SUBCOMMITTEE		BLDG 00253				
			MEETING MINUTES, AND VARIOUS		BLDG 00272				
			HANDOUTS)		BLDG 00322				
					BLDG 00351A				
					BLDG 00364				
					BLDG 00366				
					BLDG 00408				
					BLDG 00500				
					BLDG 00503				
					BLDG 00521				
					BLDG 00529				
					BLDG 00813				
					BLDG 00815				
					BLDG 00819				
					BLDG 00839				
					PARCEL A				
					PARCEL B				
					PARCEL C				
					PARCEL D				
					PARCEL E				
					PARCEL E-2				
					PARCEL F				
					SITE 00001				
					SITE 00002				
					SITE 00007				
					SITE 00018				
					SITE 00021				

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 004087 PROJ NO. 41330- 2.09 & BRAC SER BPMOW.GWC/0281 REPORT N68711-00-D-0004 1000	01-13-2005 <b>01-07-2005</b> DO 0074	KLEINFELDER VALDOVINOS, M. BRAC PMO WEST	DRAFT SECOND QUARTER (APRIL-JUNE) 2004 GROUNDWATER SAMPLING REPORT, [INCLUDES BRAC PMO WEST TRANSMITTAL LETTER AND CD COPY] {PORTION OF MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090508-5/7
N00217 / 004092 BRAC SER BPMOW.KSF/0307 CORRESPONDENC NONE 20	01-25-2005 <b>01-13-2005</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF RESPONSES TO COMMENTS ON THE DRAFT ZERO-VALENT IRON TREATABILITY STUDY WORK PLAN (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG. 272 PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090702-2/7
N00217 / 000841 NONE MINUTES NONE 50	12-05-2005 <b>01-27-2005</b> NONE	SULTECH HUNTER, C. RAB MEMBERS	27 JANUARY 2005 RESTORATION ADVISORY BOARD (RAB) MEETING (INCLUDES AGENDA, 27 JANUARY 2008 MEETING MINUTES, NOVEMBER AND DECEMBER 2004 MONTHLY PROGRESS REPORT, REPORTER'S TRANSCRIPT AND VARIOUS HANDOUTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00103 BLDG 00113 BLDG 00113A BLDG 00114 BLDG 00123 BLDG 00130 BLDG 00134 BLDG 00142 BLDG 00146 BLDG 00157 BLDG 00272 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E-2	CHOICE IMAGING SOLUTIONS SW-20090508-1/7

UIC No. / Rec. No.	Prc. Date	Author Affil.					
Doc. Control No.	Record Date	Author				Location	FRC Accession No.
Record Type	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 000842 NONE MINUTES NONE 50	12-05-2005 <b>03-23-2005</b> NONE	SULTECH HUNTER, C. RAB MEMBERS	23 MARCH 2005 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES AGENDA, APRIL 2005 MONTHLY PROGRESS REPORT, REPORTER'S TRANSCRIPT AND VARIOUS HANDOUTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00123 BLDG 00134 BLDG 00272 PARCEL A PARCEL A-1 PARCEL A-2 PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00002	CHOICE IMAGING SOLUTIONS SW-20090508-1/7	
N00217 / 004125 02-125.13.0077 & BRAC SER BPMOW.RNA/0644 REPORT N68711-02-D-8213 100	04-28-2005 <b>04-20-2005</b> CTO 0012	INNOVATIVE TECHNICAL SOLUTIONS, INC. HESS, R. BRAC PMO WEST	FINAL ZERO-VALENT IRON INJECTION TREATABILITY STUDY REPORT (INCLUDES SWDIV TRANSMITTAL LETTER) {CD COPY OF APPENDICES A - P ENCLOSED}	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00272 PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090702-3/7	
N00217 / 000839 NONE MINUTES NONE 50	12-05-2005 <b>04-27-2005</b> NONE	SULTECH HUNTER, C. RAB MEMBERS	27 APRIL 2005 RESTORATION ADVISORY BOARD (RAB) MEETING (INCLUDES AGENDA, 27 APRIL 2008 MEETING MINUTES, RAB SUB COMMITTEE MEETING MINUTES, MAY 2005 MONTHLY PROGRESS REPORT, REPORTER'S TRANSCRIPT AND VARIOUS HANDOUTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00002 SITE 00007 SITE 00018	CHOICE IMAGING SOLUTIONS SW-20090508-1/7	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

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Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 004144	06-03-2005	KLEINFELDER	DRAFT THIRD QUARTER (JULY -	ADMIN RECORD	BLDG 00134	CHOICE IMAGING
BRAC SER	05-20-2005	VALDOVINOS, M.	SEPTEMBER) 2004 GROUNDWATER	INFO REPOSITORY	BLDG 00156	SOLUTIONS
BPMOW.GWC/0763	DO 0074	BRAC PMO WEST	SAMPLING REPORT [CD COPY OF	SENSITIVE	BLDG 00228	SW-20090413-5/5
REPORT			APPENDIX D ENCLOSED] (PORTION OF		BLDG 00253	
N68711-00-D-0004			MAILING LIST IS SENSITIVE)		BLDG 00406	
1007					BLDG 00413	
					BLDG 00414	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					SITE 00006	
					SITE 00009	
					SITE 00025	
					SITE 00071	

UIC No. / Rec. No.	Prc. Date	Author Affil.						
Doc. Control No.	Record Date	Author					Location	FRC Accession No.
Record Type	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 000821	07-20-2005	TPA-CKY JOINT	DRAFT, FINAL SITE CLOSE OUT REPORT,	ADMIN RECORD	CAA 0000001		CHOICE IMAGING	
BRAC SER	06-01-2005	VENTURE	FOR THE TOTAL PETROLEUM	INFO REPOSITORY	CAA 0000002		SOLUTIONS	
BPMOW.JEP/0955	CTO 0003		HYDROCARBON PROGRAM CORRECTIVE	SENSITIVE	CAA 0000002R		SW-20090508-1/7	
& PROJ. NO JV-13		NAVFAC -	ACTION IMPLEMENTATION SOIL REMOVAL		CAA 0000003			
REPORT		SOUTHWEST	[PORTION OF MAILING LIST IS SENSITIVE]		CAA 0000003R			
N68711-02-D-8310		DIVISION	(INCLUDES BRAC PMO WEST		CAA 0000004			
250			TRANSMITTAL LETTER)		CAA 0000006			
					CAA 0000008			
					CAA 0000008R			
					CAA 0000009			
					CAA 0000009R			
					CAA 0000011			
					CAA 0000012			
					CAA 0000013			
					CAA 0000014			
					CAA 0000015			
					CAA 0000016			
					CAA 0000019			
					CAA 0000021			
					CAA 0000022			
					PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			



UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000838

12-05-2005

HUNTERS POINT,  
CA

NONE

06-22-2005

MINUTES

NONE

RAB MEMBERS

NONE

150

22 JUNE 2005 RESTORATION ADVISORY  
BOARD (RAB) MEETING MINUTES  
[INCLUDES AGENDA, LIST OF ATTENDEES,  
ACTION ITEMS, 22 JUNE 2005 NAVY  
MONTHLY PROGRESS REPORT, AND 22  
JUNE 2005 REPORTER'S TRANSCRIPT]  
{PORTIONS OF DOCUMENT ARE SENSITIVE}

ADMIN RECORD

INFO REPOSITORY

SENSITIVE

BLDG 00103

BLDG 00113

BLDG 00113A

BLDG 00114

BLDG 00123

BLDG 00128

BLDG 00130

BLDG 00131A

BLDG 00134

BLDG 00140

BLDG 00142

BLDG 00146

BLDG 00157

BLDG 00203

BLDG 00211

BLDG 00214

BLDG 00224

BLDG 00231

BLDG 00241

BLDG 00251

BLDG 00253

BLDG 00271

BLDG 00272

BLDG 00274

BLDG 00313

BLDG 00317

BLDG 00322

BLDG 00351

BLDG 00351A

BLDG 00364

BLDG 00365

BLDG 00366

BLDG 00383

BLDG 00406

BLDG 00408

CHOICE IMAGING  
SOLUTIONS  
SW-20090401-1/6

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

BLDG 00411  
BLDG 00414  
BLDG 00500  
BLDG 00503  
BLDG 00523  
BLDG 00701  
BLDG 00707  
BLDG 00708  
BLDG 00709  
BLDG 00808  
BLDG 00813  
BLDG 00819  
DRYDOCK 2  
DRYDOCK 3  
DRYDOCK 4  
DRYDOCK 5  
DRYDOCK 6  
DRYDOCK 7  
PARCEL A  
PARCEL B  
PARCEL C  
PARCEL D  
PARCEL E  
PARCEL F  
SHACK 79  
SHACK 80  
SITE 00001  
SITE 00007  
SITE 00010  
SITE 00018  
SITE 00021  
SITE 00506  
SITE 00507  
SITE 00508  
SITE 00509

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

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Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

SITE 00510  
SITE 00510A  
SITE 00517  
SITE 00520  
SITE 00529  
SITE 00707  
WELL EW01  
WELL  
IR01MW366A  
WELL  
IR01MW38A  
WELL  
IR01MW43A  
WELL  
IR03MW218A2  
WELL  
IR03MW342A  
WELL  
IR03MW373B  
WELL  
IR04MW13A  
WELL  
IR09MW61A  
WELL  
IR09MW62A  
WELL  
IR09MW63A  
WELL  
IR10MW13A1  
WELL  
IR25MW02A  
WELL  
IR25MW53A  
WELL  
IR25MW54A  
WELL  
IR28MW136A  
WELL  
IR28MW140F

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR28MW150A  
WELL  
IR28MW151A  
WELL  
IR28MW211F  
WELL  
IR28MW221A  
WELL  
IR28MW221B  
WELL  
IR28MW270A  
WELL  
IR28MW341F  
WELL  
IR28MW396B  
WELL  
IR28MW397B  
WELL  
IR28MW403A  
WELL  
IR28MW407A  
WELL  
IR28MW408A  
WELL  
IR28MW409A  
WELL  
IR28MW410A  
WELL  
IR28MW412A  
WELL  
IR58MW31A  
WELL  
IR58MW33B  
WELL  
IR70MW07A  
WELL  
IR71MW03A  
WELL  
IR71MW12B

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000835	12-05-2005	SULTECH	28 JULY 2005 RESTORATION ADVISORY	ADMIN RECORD	WELL	
NONE	07-28-2005	HUNTER, C.	BOARD (RAB) MEETING (INCLUDES	INFO REPOSITORY	IR91MW04A	
MINUTES	NONE	RAB MEMBERS	AGENDA, 20 JULY 2005 MEETING MINUTES,	SENSITIVE	WELL IW02	
NONE			JUNE 2005 MONTHLY PROGRESS REPORT,		WELL MW33A	
50			REPORTER'S TRANSCRIPT AND VARIOUS		WELL MW53A	
			HANDOUTS)		WELL MW54A	
					WELL MW61A	
					WELL MW62A	
					WELL	
					PA50MW07A	
N00217 / 000834	12-05-2005	SULTECH	25 AUGUST 2005 RESTORATION ADVISORY	ADMIN RECORD	BLDG 00366	CHOICE IMAGING
NONE	08-25-2005	HUNTER, C.	BOARD (RAB) MEETING MINUTES	INFO REPOSITORY	PARCEL B	SOLUTIONS
MINUTES	NONE	RAB MEMBERS	(INCLUDES AGENDA, AUGUST 2005	SENSITIVE	PARCEL C	SW-20090508-1/7
NONE			MONTHLY PROGRESS REPORT,		PARCEL E	
57			REPORTER'S TRANSCRIPT AND VARIOUS		PARCEL E-2	
			HANDOUTS)		PARCEL F	
					SITE 00002	
					BLDG 00103	CHOICE IMAGING
					BLDG 00104	SOLUTIONS
					BLDG 00115	SW-20090508-1/7
					BLDG 00116	
					BLDG 00600	
					PARCEL B	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					PARCEL F	
					SITE 00002	

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type	Record Date	Author							
Contr./Guid. No.	CTO No.	Recipient Affil.							
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)		
N00217 / 000851 NONE MINUTES NONE 100	12-05-2005 <b>09-22-2005</b> NONE	TETRA TECH EM INC. HUNTER, C RAB MEMBERS	22 SEPTEMBER 2005 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES AGENDA, 22 SEP 2005 REPORTER'S TRANSCRIPT, SEP 2005 MONTHLY PROGRESS REPORT, 16 SEP 2005 SUBCOMMITTEE MEETING MINUTES, AND VARIOUS HANDOUTS)	ADMIN RECORD INFO REPOSITORY	BLDG 00134 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E-2 PARCEL F SITE 00007 SITE 00018 WELL EW01 WELL IW02A WELL MW53A WELL MW54A WELL MW902A	CHOICE IMAGING SOLUTIONS SW-20090522-1/7			
N00217 / 004167 BRAC SER BPMOW.RNA/1229 REPORT N68711-00-D-0004 500	10-12-2005 <b>09-23-2005</b> DO 0074	KLEINFELDER JOHNSON, C. BRAC PMO WEST	DRAFT FOURTH QUARTER (OCTOBER- DECEMBER) 2004 GROUNDWATER SAMPLING REPORT (INCLUDES BRAC PMO WEST TRANSMITTAL LETTER AND CD COPY ENCLOSED) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090508-6/7			
N00217 / 004179 BRAC SER BPMOW.JEP/1242 REPORT N68711-02-D-8310 175	11-30-2005 <b>09-23-2005</b> CTO 0003	TPA-CKY JOINT VENTURE  BRAC PMO WEST GILKEY, D.	FINAL SITE CLOSE OUT REPORT, TOTAL PETROLEUM HYDROCARBON PROGRAM CORRECTIVE ACTION IMPLEMENTATION SOIL REMOVAL (INCLUDES RESPONSES TO AGENCY COMMENTS ON DRAFT FINAL REPORT AND BRAC PMO WEST TRANSMITTAL LETTER) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090508-6/7			

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 004175  
 FWSD-RAC-06-  
 0071 & BRAC SER  
 BPMOW.REP/1350  
 REPORT  
 N68711-98-D-5713  
 300

11-03-2005  
**11-01-2005**  
 CTO 0072

TETRA TECH EC,  
 INC.  
 SLATTERY, G.  
 BRAC PMO WEST

DRAFT DESIGN PLAN, STORM DRAIN AND  
 SANITARY SEWER REMOVAL, REVISION 0  
 (CD COPY ENCLOSED) [PORTION OF  
 MAILING LIST IS SENSITIVE] (INCLUDES  
 BRAC PMO WEST TRANSMITTAL LETTER)

ADMIN RECORD  
 INFO REPOSITORY  
 SENSITIVE

BLDG 00103  
 BLDG 00104  
 BLDG 00113  
 BLDG 00113A  
 BLDG 00115  
 BLDG 00116  
 BLDG 00117  
 BLDG 00125  
 BLDG 00130  
 BLDG 00134  
 BLDG 00140  
 BLDG 00142  
 BLDG 00146  
 BLDG 00157  
 DRYDOCK 5  
 DRYDOCK 6  
 DRYDOCK 7  
 PARCEL B  
 PARCEL C  
 PARCEL E  
 PARCEL E-2  
 SITE 00007

CHOICE IMAGING  
 SOLUTIONS  
 SW-20090522-7/7

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
N00217 / 004176	11-03-2005	TETRA TECH EC,	DRAFT PROJECT WORK PLAN, BASE-WIDE	ADMIN RECORD	BLDG 00113A		CHOICE IMAGING	
FWSD-RAC-06-	11-01-2005	INC.	STORM DRAIN AND SANITARY SEWER	INFO REPOSITORY	BLDG 00114		SOLUTIONS	
0070 & BRAC SER	CTO 0072	SLATTERY, G.	REMOVAL (CD COPY ENCLOSED) (PORTION	SENSITIVE	BLDG 00130		SW-20090522-7/7	
BPMOW.REP/1355		BRAC PMO WEST	OF MAILING LIST IS SENSITIVE) (INCLUDE		BLDG 00134			
REPORT			BRAC PMO WEST TRANSMITTAL LETTER}		BLDG 00364			
N68711-98-D-5713					BLDG 00815			
500					BLDG 00816			
					BLDG 00819			
					DRYDOCK 2			
					DRYDOCK 3			
					PARCEL A			
					PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					PARCEL E-2			
					PARCEL F			



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 004178 BRAC SER BPMOW.MA/1404 REPORT N68711-05-C-6406 175	11-30-2005 <b>11-01-2005</b> NONE	CE2 - KLEINFELDER FERRY, R. BRAC PMO WEST	FINAL WORK PLAN FOR CONTAMINATION DELINEATION AT (INCLUDES BRAC PMO WEST TRANSMITTAL LETTER AND REVISED FIGURE A-14) [CD COPY ENCLOSED] (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00108 BLDG 00130 BLDG 00134 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F RU C5 SITE 00006 SITE 00025 WELL IR06MW34A WELL IR06MW46A WELL IR25MW37B WELL IR25MW38B WELL IR25MW39B	CHOICE IMAGING SOLUTIONS SW-20090508-6/7	
N00217 / 000830 BRAC SER BPMOW.RNA/0984 & PROJECT NO. 41330-2.09 REPORT N68711-00-D-0004 700	08-01-2005 <b>12-01-2005</b> DO 0074	KLEINFELDER SKELTON, C. BRAC PMO WEST	REVISED FINAL SECOND QUARTER (APRIL - JUNE) 2004 GROUNDWATER SAMPLING REPORT (INCLUDES REPLACEMENT PAGES REVISING THE DATE OF 29 JULY 2005 TO 01 DECEMBER 2005, CD COPY, AND BRAC PMO WEST TRANSMITTAL LETTER) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090508-1/7	
N00217 / 001457 BRAC SER BPMOW.MA/1431 CORRESPONDENC NONE 3	11-06-2008 <b>12-01-2005</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE RESPONSES TO COMMENTS ON THE 1) FINAL APRIL - JUNE 2004, EIGHTEENTH QUARTERLY GROUNDWATER SAMPLING REPORT, 2) FINAL JULY - SEPTEMBER 2004, NINETEENTH QUARTERLY GROUNDWATER SAMPLING REPORT, (**SEE COMMENTS)	ADMIN RECORD SENSITIVE	PARCEL B PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090508-5/7	

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000871

NONE

REPORT

NONE

100

03-13-2006

12-05-2005

NONE

STANFORD

UNIVERSITY

BRAC PMO WEST

FINAL DEMONSTRATION PLAN FOR FIELD  
TESTING OF ACTIVATED CARBON MIXING  
AND IN SITU STABILIZATION OF PCBS IN  
SEDIMENT [SEE RECORD # 872 - BRAC PMO  
WEST TRANSMITTAL LETTER] (PORTION  
OF THE MAILING LIST IS SENSITIVE)

ADMIN RECORD  
INFO REPOSITORY

PARCEL A

PARCEL B

PARCEL C

PARCEL D

PARCEL E

PARCEL E-2

PARCEL F

CHOICE IMAGING  
SOLUTIONS  
SW-20090508-1/7

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 004180  
BRAC SER  
BPMOW.MA/1451  
REPORT  
N68711-00-D-0004  
250

12-12-2005  
12-06-2005  
DO 0074

KLINEFELDER  
BRAC PMO WEST

DRAFT OCTOBER - DECEMBER 2004  
TWENTIETH QUARTERLY/FIFTH ANNUAL  
GROUNDWATER SAMPLING REPORT  
(INCLUDES BRAC TRANSMITTAL LETTER)  
[PORTION OF THE MAILING LIST IS  
SENSITIVE]

ADMIN RECORD  
INFO REPOSITORY  
SENSITIVE

BLDG 00123  
PARCEL B  
PARCEL C  
PARCEL D  
PARCEL E  
SITE 00006  
SITE 00007  
SITE 00010  
SITE 00018  
SITE 00024  
SITE 00026  
WELL  
IR03MW11A  
WELL  
IR06MW45A  
WELL  
IR07MW19A  
WELL  
IR07MW20A1  
WELL  
IR07MW21A1  
WELL  
IR07MW23A  
WELL  
IR07MW24A  
WELL  
IR07MW25A  
WELL  
IR07MW26A  
WELL  
IR07MW27A  
WELL IR07MWS-  
4  
WELL  
IR10MW12A  
WELL  
IR10MW28A  
WELL  
IR10MW61A

CHOICE IMAGING  
SOLUTIONS  
SW-20090508-6/7

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001459  
BRAC SER  
BPMOW.MA/1468  
CORRESPONDENC  
NONE

11-06-2008  
12-14-2005  
NONE

BRAC PMO WEST  
FORMAN, K.  
VARIOUS  
AGENCIES

TRANSMITTAL OF THE FINAL FOURTH  
QUARTER (OCTOBER - DECEMBER) 2004  
GROUNDWATER SAMPLING REPORT  
(W/OUT ENCLOSURE) [PORTION OF THE  
MAILING LIST IS SENSITIVE]

ADMIN RECORD  
SENSITIVE

WELL  
IR10MW62A  
WELL  
IR10MW71A  
WELL  
IR10MW76A  
WELL  
IR10MW79A  
WELL  
IR10MW80A  
WELL  
IR25MW17A  
WELL  
IR26MW46A  
WELL  
IR26MW47A  
WELL  
IR26MW48A  
WELL  
IR61MW05A  
WELL  
PA05MW01A

PARCEL C  
PARCEL D  
PARCEL E

CHOICE IMAGING  
SOLUTIONS  
SW-20090401-5/6

2

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 004181	12-16-2005	KLEINFELDER	FINAL FOURTH QUARTER (OCTOBER -	ADMIN RECORD	BLDG 00134	CHOICE IMAGING
PROJECT NO.	12-14-2005		DECEMBER) 2004 GROUNDWATER	INFO REPOSITORY	BLDG 00156	SOLUTIONS
41330-2.09	DO 0074	BRAC PMO WEST	SAMPLING REPORT (CD COPY ENCLOSED)		BLDG 00228	SW-20090401-5/6
REPORT					BLDG 00253	
N68711-00-D-0004					BLDG 00400	
500					BLDG 00405	
					BLDG 00406	
					BLDG 00411	
					BLDG 00413	
					BLDG 00414	
					DRYDOCK 2	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					WELL	
					IR02MW114A2	
					WELL	
					IR06MW45A	
					WELL	
					IR06MW54F	
					WELL	
					IR06MW55F	
					WELL	
					IR06MW57F	
					WELL IR-09	
					WELL IR-71 VOC	
					WELL RU-C1	
					VOC	
					WELL RU-C2	
					VOC	
					WELL RU-C4	
					VOC	

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)
N00217 / 000937 BAI.TC.016.00012 MINUTES NONE 11	06-21-2006 <b>01-26-2006</b> NONE	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	26 JANUARY 2006 FINAL RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES LIST OF ATTENDEES AND ACTION ITEMS)	ADMIN RECORD INFO REPOSITORY	BLDG 00211 BLDG 00231 BLDG 00253 PARCEL B PARCEL C PARCEL E-2 RU C1 RU C5	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	
N00217 / 000938 NONE MINUTES NONE 25	06-21-2006 <b>01-26-2006</b> NONE.	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	26 JANUARY 2006 FINAL RESTORATION ADVISORY BOARD (RAB) MEETING REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	BLDG 00211 BLDG 00231 BLDG 00253 PARCEL C RU C1 RU C5	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	
N00217 / 000857 FWSD-RAC-06-0355 REPORT N68711-98-D-5713 200	02-14-2006 <b>02-14-2006</b> 00072	TETRA TECH EC, INC. SLATTERY, G. BRAC PMO WEST	DRAFT FINAL PROJECT WORK PLAN, BASE- WIDE STORM DRAIN AND SANITARY SEWER REMOVAL (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BLDG 00113A BLDG 00130 BLDG 00134 BLDG 00271 BLDG 00406 BLDG 00819 DRYDOCK 2 DRYDOCK 3 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00001 SITE 00021	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000859	02-14-2006	TETRA TECH EC, INC.	DRAFT FINAL PARCEL B DESIGN PLAN, STORM DRAIN AND SANITARY SEWER REMOVAL (CD COPY ENCLOSED)	ADMIN RECORD	BLDG 00103	CHOICE IMAGING SOLUTIONS
FWSD-RAC-06-0356	02-14-2006			INFO REPOSITORY	BLDG 00104	SW-20090522-1/7
REPORT	CTO 0072				BLDG 00113	
N68711-98-D-5713		BRAC PMO WEST			BLDG 00113A	
146					BLDG 00115	
					BLDG 00116	
					BLDG 00117	
					BLDG 00125	
					BLDG 00130	
					BLDG 00134	
					BLDG 00140	
					BLDG 00142	
					BLDG 00146	
					BLDG 00157	
					PARCEL A	
					PARCEL B	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					SITE 00007	

UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites		
N00217 / 000865 06-0506 REPORT N68711-98-D-5713 52	02-22-2006 <b>02-14-2006</b> CTO 0072	TETRA TECH EC, INC  NAVFAC - SOUTHWEST DIVISION	REVISED FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BASEWIDE BLDG 00114 BLDG 00146 BLDG 00322 BLDG 00364 BLDG 00509 BLDG 00517 BLDG 00529 BLDG 00707 BLDG 00819 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00001 SITE 00003 SITE 00011 SITE 00014 SITE 00015 SITE 00021	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	
N00217 / 000866 BRAC SER BPMOW.CPA/0132 CORRESPONDENC NONE 3	02-22-2006 <b>02-14-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REVISED FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM [W/OUT ENCLOSURE] (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	





UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR01MW42A  
WELL  
IR01MWLF1A  
WELL  
IR01MWLF2B  
WELL  
IR01MWLF4A  
WELL  
IR01MWLF4B  
WELL  
IR02MW101A1  
WELL  
IR02MW101A2  
WELL  
IR02MW114A1  
WELL  
IR02MW114A2  
WELL  
IR02MW114A3  
WELL  
IR02MW209A  
WELL  
IR06MW32A  
WELL  
IR06MW35A  
WELL  
IR06MW41A  
WELL  
IR06MW44A  
WELL  
IR06MW45A  
WELL  
IR06MW46A  
WELL  
IR06MW50F  
WELL  
IR06MW54F  
WELL  
IR06MW55F

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

WELL  
IR06MW58F  
WELL  
IR06MW59A1  
WELL  
IR09MW31A  
WELL  
IR09MW36A  
WELL  
IR09MW44A  
WELL  
IR09MW52A  
WELL  
IR09MW55F  
WELL IR09P040A  
WELL IR09PPY1  
WELL  
IR11MW26A  
WELL  
IR11MW27A  
WELL  
IR12MW14A  
WELL  
IR12MW16A  
WELL  
IR15MW10F  
WELL  
IR25MW11A  
WELL  
IR25MW16A  
WELL  
IR25MW17A  
WELL  
IR25MW37B  
WELL  
IR25MW38B  
WELL  
IR25MW39A  
WELL  
IR25MW39B

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR25MW42B  
WELL  
IR25MW52A  
WELL  
IR25MW60A1  
WELL  
IR25MW60A2  
WELL  
IR25MW611A2  
WELL  
IR28MW126A  
WELL  
IR28MW127A  
WELL  
IR28MW133A  
WELL  
IR28MW136A  
WELL  
IR28MW140F  
WELL  
IR28MW151A  
WELL  
IR28MW155A  
WELL  
IR28MW170A  
WELL  
IR28MW188F  
WELL  
IR28MW189F  
WELL  
IR28MW201F  
WELL  
IR28MW211F  
WELL  
IR28MW216F  
WELL  
IR28MW221B  
WELL  
IR28MW255F

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR28MW270A  
WELL  
IR28MW272A  
WELL  
IR28MW272F  
WELL  
IR28MW298A  
WELL  
IR28MW300F  
WELL  
IR28MW309B  
WELL  
IR28MW311A-R1  
WELL  
IR28MW312F  
WELL  
IR28MW334A  
WELL  
IR28MW350F  
WELL  
IR28MW353B  
WELL  
IR28MW355F  
WELL  
IR28MW398B  
WELL  
IR28MW401B  
WELL  
IR28MW406  
WELL  
IR28MW407  
WELL  
IR29MW57A  
WELL  
IR29MW58F  
WELL  
IR29MW85F  
WELL  
IR33MW116A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR33MW62A  
WELL  
IR33MW64A  
WELL  
IR33MW66A  
WELL  
IR33MWU5A  
WELL  
IR34MW36A  
WELL  
IR34MW36B  
WELL  
IR36MW09A  
WELL  
IR36MW11A  
WELL  
IR36MW125A  
WELL  
IR36MW127A  
WELL  
IR36MW97A  
WELL  
IR58MW25F  
WELL  
IR58MW31A  
WELL  
IR58MW32B  
WELL  
IR58MW33B  
WELL  
IR76MW13A  
WELL  
PA36MW01A  
WELL  
PA38MW51A  
WELL  
PA50MW11A

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.						
Record Type		Record Date	Author				Location	FRC Accession No.	
Contr./Guid. No.		CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse	
Approx. # Pages		EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 000874		03-23-2006	BRAC PMO WEST	TRANSMITTAL OF DRAFT JANUARY TO	ADMIN RECORD	PARCEL C	FRC - PERRIS	181-09-4128	BOX 0003
BRAC SER		<b>03-22-2006</b>	FORMAN, K.	MARCH 2005 FIFTH QUARTERLY/FIRST	INFO REPOSITORY	PARCEL D			
BPMOW.MA/0271		NONE	BCT MEMBERS	ANNUAL GROUNDWATER MONITORING	SENSITIVE	PARCEL E	IMAGED		
CORRESPONDENC				REPORT (W/OUT ENCLOSURE) [PORTION			HPNT_033		
NONE				OF THE MAILING LIST IS SENSITIVE]					
5									
N00217 / 000943		06-21-2006	BARAJAS &	23 MARCH 2006 FINAL RESTORATION	ADMIN RECORD	BLDG 00123	CHOICE IMAGING		
NONE		<b>03-23-2006</b>	ASSOCIATES, INC.	ADVISORY BOARD (RAB) MEETING	INFO REPOSITORY	BLDG 00134	SOLUTIONS		
MINUTES		NONE		REPORTER'S TRANSCRIPT		PARCEL B	SW-20090522-1/7		
NONE			RAB MEMBERS			PARCEL C			
26						PARCEL D			
						PARCEL E			
						SITE 00010			
						SITE 00026			
N00217 / 004186		06-21-2006	BARAJAS &	23 MARCH 2006 FINAL RESTORATION	ADMIN RECORD	BLDG 00153	CHOICE IMAGING		
BAI.TC.016.0019		<b>03-23-2006</b>	ASSOCIATES, INC.	ADVISORY BOARD (RAB) MEETING	INFO REPOSITORY	PARCEL B	SOLUTIONS		
MINUTES		NONE		MINUTES (INCLUDES LIST OF ATTENDEES		PARCEL C	SW-20090522-7/7		
NONE			RAB MEMBERS	& ACTION ITEMS)		PARCEL E			
11						SITE 00007			
						SITE 00010			
						SITE 00026			
						WELL			
						IR26MW47A			
N00217 / 000889		04-07-2006	BRAC PMO WEST	TRANSMITTAL OF 1) FEDERAL FACILITY	ADMIN RECORD	PARCEL B	CHOICE IMAGING		
BRAC SER		<b>03-31-2006</b>	FORMAN, K.	AGREEMENT (FFA) SCHEDULE, 2) PROJECT	INFO REPOSITORY	PARCEL C	SOLUTIONS		
BPMOW.KF/0313		NONE	BCT MEMBERS	SCHEDULE, AND RESPONSE TO		PARCEL D	SW-20090717-2/8		
CORRESPONDENC				COMMENTS ON THE FFA SCHEDULE,		PARCEL E			
NONE				DATED 23 SEPTEMBER 2005		PARCEL E-2			
60				(W/ENCLOSURES)		PARCEL F			

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 000947	06-26-2006	BRAC PMO WEST	TRANSMITTAL OF ADDITIONAL RESPONSE	ADMIN RECORD	PARCEL B	CHOICE IMAGING
BRAC SER	03-31-2006	FORMAN, K.	TO COMMENTS AND REPLACEMENT	INFO REPOSITORY	PARCEL C	SOLUTIONS
BPMOW.GB/0297	NONE	VARIOUS	PAGES FOR 1) FINAL Q18 (APRIL TO JUNE		PARCEL D	SW-20090508-2/7
CORRESPONDENC		AGENCIES	2004) PARCEL B; 2) FINAL Q19 (JULY TO		PARCEL E	
NONE			SEPT. 2004) PARCEL B; & 3) FINAL Q3 (JULY			
11			TO SEPT. 2004) PARCELS C, D & E			
			GROUNDWATER MONITORING REPORTS			



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	Location	SWDIV Box No(s)	CD No.	FRC Accession No.	FRC Warehouse	FRC Box No(s)
N00217 / 004161		09-12-2005	KLEINFELDER							REVISED FINAL THIRD QUARTER (JULY -	ADMIN RECORD	BLDG 00134	CHOICE IMAGING					
BRAC SER		03-31-2006	JOHNSON, C.							SEPTEMBER) 2004 GROUNDWATER	INFO REPOSITORY	BLDG 00156	SOLUTIONS					
BPMOW.RNA/1201		DO 0074	BRAC PMO WEST							SAMPLING REPORT (INCLUDES	SENSITIVE	BLDG 00228	SW-20090413-5/5					
& PROJECT NO.										REPLACEMENT PAGES, REVISED CD COPY,		BLDG 00253						
41330-2.09										AND BRAC PMO WEST TRANSMITTAL		BLDG 00406						
REPORT										LETTERS)		BLDG 00408						
N68711-00-D-0004												BLDG 00413						
962												BLDG 00414						
												BLDG 00439						
												PARCEL B						
												PARCEL C						
												PARCEL D						
												PARCEL E						
												PARCEL E-2						
												SITE 00006						
												SITE 00007						
												SITE 00018						
												SITE 00025						
												SITE 00071						
												WELL						
												IR01MW12A						
												WELL						
												IR02MW114A2						
												WELL						
												IR06MW50F						
												WELL						
												IR06MW57F						
												WELL IR06P54F						
												WELL						
												IR25MW39A						
												WELL						
												IR26MW41A						
												WELL						
												IR28MW155A						
												WELL						
												IR28MW311A						
												WELL						
												IR30MW01F						

**Approx. # Pages**

EPA Cat. #

**Recipient**

### Subject

## Classification

## Sites

CD No.

FRC Box No(s) \_\_\_\_\_

IR02MW373A

CHOICE IMAGING  
SOLUTIONS  
SW-20090605-1/9

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000899

04-20-2006

KLEINFELDER

DRAFT APRIL TO JUNE 2005 TWENTY-  
SECOND QUARTERLY GROUNDWATER  
SAMPLING REPORT

ADMIN RECORD

BLDG 00123

CHOICE IMAGING  
SOLUTIONS

KLEINFELDER

04-05-2006

SRINIVASAN, L.

INFO REPOSITORY

DRYDOCK 3

SW-20090401-2/6

PROJECT NO.

DO 0074

BRAC PMO WEST

41330-2.10

PARCEL B

REPORT

PARCEL C

N68711-00-D-0004

PARCEL D

200

PARCEL E

SITE 00007

WELL

IR06MW42A

WELL

IR06MW46A

WELL

IR07MW19A

WELL

IR07MW24A

WELL IR07MWS-  
3

WELL

IR10MW12A

WELL

IR10MW13A1

WELL

IR10MW28A

WELL

IR10MW33A

WELL

IR10MW59A

WELL

IR10MW61A

WELL

IR10MW62A

WELL

IR10MW71A

WELL

IR10MW76A

WELL

IR10MW79A

WELL

IR10MW80A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guild. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR25EW01A  
WELL  
IR26MW46A  
WELL  
IR26MW47A  
WELL  
IR26MW48A  
WELL  
IR46MW39A  
WELL  
PA24MW02A  
WELL  
PA50MW01A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000901

04-20-2006

KLEINFELDER

DRAFT SIXTH QUARTER APRIL TO JUNE  
2005 GROUNDWATER SAMPLING REPORT

ADMIN RECORD

BLDG 00134

CHOICE IMAGING

PROJECT NO.

04-17-2006

INFO REPOSITORY

BLDG 00270

SOLUTIONS

41330-2.10

DO 0074

BRAC PMO WEST

BLDG 00307

SW-20090424-1/8

REPORT

BLDG 00383

N68711-00-D-0004

BLDG 00400

802

BLDG 00401

BLDG 00406

BLDG 00408

BLDG 00437

BLDG 00438

BLDG 00500

BLDG 00505

BLDG 00521

PARCEL C

PARCEL D

PARCEL E

PARCEL E-2

SITE 00009

SITE 00022

SITE 00033

SITE 00071

WELL

IR01MW114A1

WELL

IR02MW114A1

WELL

IR06MW34A

WELL

IR06MW42A

WELL

IR06MW54F

WELL

IR06MW55F

WELL

IR06MW57F

WELL

IR11MW27A

## UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

						WELL IR36MW125A WELL IR38MW02A WELL IR38MW03A WELL IR38MW37A WELL IR38MW52A WELL IR38MW62A WELL IR38MW63A WELL IR55MW01A WELL PA16MW17A WELL PA33MW37A WELL PA50MW06A WELL PA50MW09A WELL PA50MW10A		
N00217 / 000902 BRAC SER BPMOW.MA/0356 CORRESPONDENC NONE 3	04-20-2006 <b>04-17-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT APRIL TO JUNE 2005 SIXTH QUARTER GROUNDWATER MONITORING REPORT (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090424-1/8		
N00217 / 000904 BRAC SER BPMOW.RNA/0357 CORRESPONDENC NONE 3	04-20-2006 <b>04-19-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT JULY TO SEPTEMBER 2005 SEVENTH QUARTER GROUNDWATER MONITORING REPORT (W/OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090401-3/6		

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000974	08-08-2006	TETRA TECH EC, INC.	FINAL BASEWIDE RADIOLOGICAL REMOVAL ACTION, ACTION MEMORANDUM - REVISION 2006 (CD COPY ENCLOSED)	ADMIN RECORD	BLDG 00114	CHOICE IMAGING
PROJECT NO. 06-0676	<b>04-21-2006</b>			INFO REPOSITORY	BLDG 00146	SOLUTIONS
REPORT	CTO 0072	NAVFAC - SOUTHWEST			BLDG 00322	SW-20090522-2/7
N68711-98-D-5713					BLDG 00364	
30					BLDG 00506	
					BLDG 00509	
					BLDG 00517	
					BLDG 00529	
					BLDG 00707	
					BLDG 00819	
					PARCEL A	
					PARCEL B	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					PARCEL F	

N00217 / 000910	05-02-2006	BRAC PMO WEST	TRANSMITTAL OF DRAFT OCTOBER TO DECEMBER 2005 GROUNDWATER MONITORING REPORT (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD	PARCEL C	CHOICE IMAGING
BRAC SER	<b>04-27-2006</b>	FORMAN, K.		INFO REPOSITORY	PARCEL D	SOLUTIONS
BPMOW.KF\0394	NONE	VARIOUS AGENCIES		SENSITIVE	PARCEL E	SW-20090605-1/9
CORRESPONDENC						
NONE						

2

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guld. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
N00217 / 000944 BAI.TC.016.00022 MINUTES NONE 11	06-21-2006 <b>04-27-2006</b> NONE	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	27 APRIL 2006 FINAL RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES LIST OF ATTENDEES AND ACTION ITEMS)	ADMIN RECORD INFO REPOSITORY	BLDG 00272 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E RU C1 RU C4 RU C5 SITE 00010 WELL IR10MW71A WELL IR25MW544		CHOICE IMAGING SOLUTIONS SW-20090522-1/7	
N00217 / 000945 NONE MINUTES NONE 23	06-21-2006 <b>04-27-2006</b> NONE	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	27 APRIL 2006 FINAL RESTORATION ADVISORY BOARD (RAB) MEETING REPORTER'S TRANSCRIPT	ADMIN RECORD INFO REPOSITORY	BLDG 00123 BLDG 00134 BLDG 00272 DRYDOCK 4 PARCEL B PARCEL C PARCEL D PARCEL E RU C4 RU C5 RU CA WELL 00054A WELL 00071A WELL 00211F		CHOICE IMAGING SOLUTIONS SW-20090522-1/7	



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 000903	04-20-2006	KLEINFELDER	DRAFT JULY TO SEPTEMBER 2005	ADMIN RECORD	BLDG 00134	CHOICE IMAGING
KLEINFELDER	05-01-2006	SRINIVASAN, L.	SEVENTH QUARTER GROUNDWATER	INFO REPOSITORY	BLDG 00270	SOLUTIONS
PROJECT NO.	DO 0074	BRAC PMO WEST	MONITORING REPORT (INCLUDES		BLDG 00400	SW-20090401-3/6
41330-2.10			REPLACEMENT REVISING THE DATE FROM		BLDG 00401	
REPORT			19 APRIL 2006 TO 01 MAY 2006)		BLDG 00402	
N68711-00-D-0004			[REPLACEMENT PAGES ISSUED ON 01 MAY		BLDG 00406	
1500			2006 INCLUDE: COVER PAGE AND TABLE 1]		BLDG 00408	
					BLDG 00437	
					BLDG 00438	
					DRYDOCK 2	
					DRYDOCK 4	
					PARCEL B	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					WELL	
					IR01MW02B	
					WELL	
					IR01MW42A	
					WELL	
					IR01MWLF4A	
					WELL	
					IR02MW114A1	
					WELL	
					IR02MW179A	
					WELL	
					IR06MW34A	
					WELL	
					IR06MW42A	
					WELL	
					IR06MW54F	
					WELL	
					IR06MW55F	
					WELL	
					IR06MW56F	
					WELL	
					IR06MW58F	

UIC No. / Rec. No.

Doc. Control No.

Proc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL IR07MWS-  
2WELL  
IR09MW45FWELL  
IR09MW62A

WELL IR09PPY1

WELL  
IR12MW11AWELL  
IR17MW12AWELL  
IR25MW62FWELL  
IR28MW155AWELL  
IR29MW59FWELL  
IR38MW02AWELL  
IR38MW03AWELL  
IR58MW34AWELL  
IR71MW12BWELL  
IR76MW13AWELL  
PA50MW09A

N00217 / 000917 05-31-2006

BRAC SER 05-08-2006

BPMOW.PB/0413 NONE

CORRESPONDENC

NONE

2

BRAC PMO WEST

FORMAN, K.

VARIOUS

AGENCIES

TRANSMITTAL OF REVISED FINAL FOURTH  
QUARTER (OCTOBER - DECEMBER) 2004  
GROUNDWATER SAMPLING REPORTADMIN RECORD  
INFO REPOSITORY

PARCEL C

PARCEL D

PARCEL E

CHOICE IMAGING  
SOLUTIONS  
SW-20090401-3/6

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 001015 BAI.TC.016.00027 MINUTES N68711-03-D-5106 14	10-31-2006 <b>05-25-2006</b> CTO 0016	BARAJAS & ASSOCIATES, INC. SARAVANAN, V. NAVFAC - SOUTHWEST	25 MAY 2006 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES LIST OF ATTENDEES AND ACTION ITEMS)	ADMIN RECORD INFO REPOSITORY	BLDG 00813 PARCEL B PARCEL C PARCEL D PARCEL E SITE 00007 SITE 00018	CHOICE IMAGING SOLUTIONS SW-20090424-2/8
N00217 / 001017 BAI.TC.016.00029 MINUTES N68711-03-D-5106 12	10-31-2006 <b>06-22-2006</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  NAVFAC - SOUTHWEST	22 JUNE 2006 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES LIST OF ATTENDEES AND ACTION ITEMS)	ADMIN RECORD INFO REPOSITORY	BLDG 00123 BLDG 00813 BLDG 00815 PARCEL B PARCEL C PARCEL D SITE 00010 SITE 00026	CHOICE IMAGING SOLUTIONS SW-20090424-2/8
N00217 / 000991 NONE REPORT N62473-06-C-2001 950	09-07-2006 <b>08-01-2006</b> NONE	CE2 - KLEINFELDER KILDUFF, E. BRAC PMO WEST	QUARTERLY GROUNDWATER MONITORING REPORT (OCTOBER-DECEMBER 2005), REVISION 1	ADMIN RECORD INFO REPOSITORY	BLDG 00819 PARCEL C PARCEL D PARCEL E PARCEL E-2	CHOICE IMAGING SOLUTIONS SW-20090605-1/9
N00217 / 001021 BAI.TC.016.00036 MINUTES N68711-03-D-5106 11	10-31-2006 <b>08-24-2006</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  NAVFAC - SOUTHWEST	24 AUGUST 2006 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES LIST OF ATTENDEES AND ACTION ITEMS)	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F	CHOICE IMAGING SOLUTIONS SW-20090424-2/8
N00217 / 000990 BRAC SER BPMOW.MLW/0726 CORRESPONDENC NONE 2	09-07-2006 <b>08-31-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE QUARTERLY GROUNDWATER MONITORING REPORT, (OCTOBER-DECEMBER 2005), REVISION 1 [W/OUT ENCLOSURE] (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090605-1/9

UIC No. / Rec. No.	Prc. Date	Author Affil.					
Doc. Control No.	Record Date	Author				Location	FRC Accession No.
Record Type	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Contr./Guld. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 000992 BRAC SER BPMOW.KF/0772 & BAI.TC.016.00037 CORRESPONDENC NONE 45	09-11-2006 <b>09-08-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF 1) FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE, AND 2) PROJECT SCHEDULE (W/ENCLOSURES)	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F	CHOICE IMAGING SOLUTIONS SW-20090717-2/8	
N00217 / 000999 BRAC SER BPMOW.MLW/0806 CORRESPONDENC NONE 4	09-28-2006 <b>09-27-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF QUARTERLY GROUNDWATER MONITORING REPORT, JANUARY - MARCH 2006 AND ANNUAL REPORT (W/OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090313-3/7	
N00217 / 000916 PROJECT NO. 41330-2.10 REPORT N68711-00-D-0004 400	05-31-2006 <b>09-29-2006</b> DO 0074	KLEINFELDER  BRAC PMO WEST	REVISED FINAL FOURTH QUARTER (OCTOBER - DECEMBER) 2004 GROUNDWATER SAMPLING REPORT (INCLUDES REPLACEMENT PAGES REVISING THE DATE OF 28 APRIL 2006 TO 29 SEPTEMBER 2006 AND CD COPY) [***SEE COMMENTS]	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090401-3/6	
N00217 / 001458 BRAC SER BPMOW.MLW/0819 CORRESPONDENC NONE 3	11-06-2008 <b>09-29-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES REVISING THE DATE ON THE FINAL FOURTH QUARTER (OCTOBER-DECEMBER) 2004 GROUNDWATER SAMPLING REPORT (W/OUT ENCLOSURE) [REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT] (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090401-5/6	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

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Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

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Approx. # Pages

EPA Cat. #

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Subject

Classification

Sites

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N00217 / 001004

10-10-2006

KLEINFELDER

FINAL JANUARY TO MARCH 2005, TWENTY-

ADMIN RECORD

BLDG 00123

CHOICE IMAGING

KLEINFELDER

10-06-2006

SRINIVASAN, L.

FIRST QUARTERLY GROUNDWATER

INFO REPOSITORY

BLDG 00134

SOLUTIONS

PROJECT NO.

DO 0074

BRAC PMO WEST

SAMPLING REPORT

PARCEL B

SW-20090401-3/6

41330-2.10

PARCEL C

REPORT

PARCEL D

N68711-00-D-0004

PARCEL E

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SITE 00007

WELL

IR06MW42A

WELL

IR06MW46A

WELL

IR07MW19A

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IR07MW23A

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IR07MW24A

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IR07MW25A

WELL

IR07MWMW5-4

WELL

IR07MWW5-3

WELL

IR10MW12A

WELL

IR10MW13A1

WELL

IR10MW28A

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IR10MW33A

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IR10MW61A

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IR10MW62A

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IR10MW71A

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IR10MW74A

UIC No. / Rec. No.

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Approx. # Pages

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Subject

Classification

Sites

Location

SWDIV Box No(s)

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WELL  
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IR10MW79A  
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IR10MW80A  
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IR23MW14A  
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IR25EW01A  
WELL  
IR25MW37A  
WELL  
IR25MW63A2  
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IR26MW41A  
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IR26MW47A  
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IR46MW37A  
WELL  
IR46MW40A  
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IR46MW42A  
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IR46MW47A  
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IR46MW48A  
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IR60MW04A  
WELL IRMW39A  
WELL  
PA24MW02A  
WELL  
PA50MW01A  
WELL  
UT03MW11A

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Approx. # Pages	EPA Cat. #	Recipent	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001010 BRAC SER BPMOW.MLW/0046 CORRESPONDENC NONE 2	10-26-2006 <b>10-11-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF FINAL (APRIL - JUNE) 2005, SIXTH QUARTER GROUNDWATER MONITORING REPORT, PARCELS C, D, AND E (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090424-1/8		
N00217 / 001011 PROJECT NO. 41330-2.10 REPORT N68711-00-D-0004 1000	10-26-2006 <b>10-11-2006</b> DO 0074	KLEINFELDER SRINIVASAN, L. BRAC PMO WEST	FINAL (APRIL - JUNE) 2005, SIXTH QUARTER GROUNDWATER MONITORING REPORT (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090424-2/8		
N00217 / 001008 ECSD-RACIV-06- 0340 REPORT N62473-06-D-2201 96	10-16-2006 <b>10-13-2006</b> CTO 0001	TETRA TECH EC, INC. AHLERSMEYER, R. BRAC PMO WEST	FINAL SAMPLING AND ANALYSIS PLAN (SAP) (FIELD SAMPLING PLAN (FSP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP)) TREATABILITY STUDY FOR VARIOUS ORGANIC COMPOUNDS (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BLDG 00253 PARCEL C RU C1	CHOICE IMAGING SOLUTIONS SW-20090424-1/8		
N00217 / 001012 BRAC SER BPMOW.MLW/0047 CORRESPONDENC NONE 2	10-26-2006 <b>10-17-2006</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF FINAL (JULY - SEPTEMBER) 2005, SEVENTH QUARTER GROUNDWATER MONITORING REPORT, PARCELS C, D, AND E (W/OUT ENCLOSURE) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090424-2/8		
N00217 / 001013 KLEINFELDER PROJECT NO. 41330-2.10 REPORT N68711-00-D-0004 3966	10-26-2006 <b>10-17-2006</b> DO 0074	KLEINFELDER SRINIVASAN, L. BRAC PMO WEST	FINAL JULY TO SEPTEMBER 2005, SEVENTH QUARTER, GROUNDWATER MONITORING REPORT (CD COPY ENCLOSED) {SEE COMMENTS}	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E PARCEL E-2	CHOICE IMAGING SOLUTIONS SW-20090401-3/6		

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.							
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Approx. # Pages	EPA Cat. #	Reciplent	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)			
N00217 / 001028 ECSD-RACIV-07-0006 REPORT N62473-06-D-2201 15	11-02-2006 10-23-2006 CTO 0006	TETRA TECH EC INC. DOUGHERTY, W. BRAC PMO WEST	AIR MONITORING PLAN (AMP), BASE-WIDE STORM DRAIN AND SANITARY SEWER REMOVAL	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F	CHOICE IMAGING SOLUTIONS SW-20090424-2/8				
N00217 / 001065 BRAC SER BPMOW.MLW/0139 CORRESPONDENC NONE 4	12-20-2006 11-17-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE FINAL JANUARY TO MARCH 2005 FIFTH QUARTERLY/FIRST ANNUAL GROUNDWATER MONITORING REPORT, VOLUMES I - II OF II (W/OUT ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090424-3/8				
N00217 / 001066 NONE REPORT N68711-00-D-0004 6000	12-20-2006 11-17-2006 DO 0074	KLEINFELDER SRINIVASAN, L. BRAC PMO WEST	FINAL JANUARY TO MARCH 2005, FIFTH QUARTERLY/FIRST ANNUAL GROUNDWATER SAMPLING REPORT, VOLUMES I - II OF II, FOLDERS 1 - 6 OF 6 (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BLDG 00231 BLDG 00251 BLDG 00253 BLDG 00272 BLDG 00406 PARCEL C PARCEL D PARCEL E PARCEL E-2 SITE 00028	CHOICE IMAGING SOLUTIONS SW-20090424-3/8				
N00217 / 001055 BRAC SER BPMOW.MLW/0125 CORRESPONDENC NONE 2	11-30-2006 11-21-2006 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE QUARTERLY GROUNDWATER MONITORING REPORT (APRIL - JUNE 2006) (W/OUT ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090522-2/7				
N00217 / 004191 BRAC SER BPMOW.MLW/0312 CORRESPONDENC NONE 2	03-21-2007 01-31-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF QUARTERLY GROUNDWATER MONITORING REPORT, JULY-SEPTEMBER 2006 (W/OUT ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-5/7				



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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)		
N00217 / 004212 BAI.TC.016.00058 MINUTES N68711-03-D-5106 17	04-16-2007 <b>02-22-2007</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  NAVFAC - SOUTHWEST	22 FEBRUARY 2007 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES (INCLUDES AGENDA AND ATTACHMENTS A AND B)	ADMIN RECORD INFO REPOSITORY	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 RU C1 RU C5 SITE 00009	CHOICE IMAGING SOLUTIONS SW-20090702-6/7			
N00217 / 001000 NONE REPORT N62473-06-C-2001 3000	09-28-2006 <b>03-01-2007</b> NONE	CE2 - KLEINFELDER KILDUFF, E. BRAC PMO WEST	QUARTERLY GROUNDWATER MONITORING REPORT AND ANNUAL REPORT, JANUARY - MARCH 2006, REVISION 1 (INCLUDES REPLACEMENT PAGES CONVERTING REPORT DATED 01 AUGUST 2006 TO REVISION 1)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090313-4/7			
N00217 / 004232 BRAC SER BPMOW.MLW/0425 CORRESPONDENC NONE 2	08-31-2007 <b>03-30-2007</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING THE QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY-MARCH 2006) DATED 01 AUGUST 2006 TO REVISION 1 (W/OUT ENCLOSURE) {SEE COMMENTS}	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090702-6/7			
N00217 / 001056 NONE REPORT N62473-06-C-2001 1000	11-30-2006 <b>04-01-2007</b> NONE	CE2 - KLEINFELDER KILDUFF, E. BRAC PMO WEST	QUARTERLY GROUNDWATER MONITORING REPORT (APRIL - JUNE 2006), REVISION 1 [CD COPY ENCLOSED] (INCLUDES REPLACEMENT PAGES CONVERTING ORIGINAL DATED 01 OCTOBER 2006 TO REVISION 1) (REPLACEMENT PAGES ISSUED ON 05 MAY 2007)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E	CHOICE IMAGING SOLUTIONS SW-20090522-2/7			

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Classification

Sites

Location

SWDIV Box No(s)

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N00217 / 001091	07-10-2007	CE2 -	QUARTERLY GROUNDWATER MONITORING	ADMIN RECORD	BLDG 00123	CHOICE IMAGING
NONE	04-01-2007	KLEINFELDER	REPORT (OCTOBER - DECEMBER 2006)	INFO REPOSITORY	BLDG 00130	SOLUTIONS
REPORT	NONE	KILDUFF, E.	AND ANNUAL REPORT, REVISION 1 (***SEE		BLDG 00141	SW-20090508-3/7
N62473-06-C-2001		BRAC PMO WEST	COMMENTS)		PARCEL B	
3630					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					SITE 00010	
					SITE 00025	
					SITE 00026	
					WELL	
					IR07MW22A1	
					WELL	
					IR10MW12A	
					WELL	
					IR10MW13A1	
					WELL	
					IR10MW33A	
					WELL	
					IR10MW59A	
					WELL	
					IR10MW61A	
					WELL	
					IR10MW62A	
					WELL	
					IR10MW71A	
					WELL	
					IR24MW06A	
					WELL	
					IR26MW47A	
					WELL	
					IR26MW48A	
					WELL	
					IR26MW49A	
					WELL	
					IR26MW50A	

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Sites

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N00217 / 004190	03-21-2007	CE2-	QUARTERLY GROUNDWATER MONITORING	ADMIN RECORD	BLDG 00123	CHOICE IMAGING
NONE	05-01-2007	KLEINFELDER	REPORT, JULY-SEPTEMBER 2006,	INFO REPOSITORY	BLDG 00134	SOLUTIONS
REPORT	NONE	JOINT VENTURE	REVISION 1 (INCLUDES REPLACEMENT		BLDG 00141	SW-20090508-6/7
N62473-06-C-2001		KILDUFF, E.	PAGES CONVERTING THE DOCUMENT,		PARCEL A	
4000		BRAC PMO WEST	DATED 01 JANUARY 2007, TO REVISION 1,		PARCEL B	
			AND CD COPY) [***SEE COMMENTS]		PARCEL C	
					PARCEL E	
					PARCEL E-2	
					PARCEL F	
					SITE 00010	
					SITE 00026	
					WELL	
					IR05MW50A	
					WELL	
					IR06MW49A	
					WELL	
					IR07MW19A	
					WELL	
					IR07MW20A1	
					WELL	
					IR10MW12A	
					WELL	
					IR10MW82A	
					WELL	
					IR26MW46A	
					WELL	
					IR26MW47A	
					WELL	
					IR26MW48A	
					WELL	
					IR26MW49A	
					WELL	
					IR26MW50A	
					WELL	
					IR60MW08A	

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Contr./Guld. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.		FRC Box No(s)
N00217 / 004192	03-21-2007	CE2-	QUARTERLY GROUNDWATER MONITORING	ADMIN RECORD	BLDG 00134		CHOICE IMAGING	
NONE	05-01-2007	KLEINFELDER	REPORT, JULY-SEPTEMBER 2006,	INFO REPOSITORY	BLDG 00211		SOLUTIONS	
REPORT	NONE	JOINT VENTURE	REVISION 1 [INCLUDES REPLACEMENT		BLDG 00231		SW-20090424-6/8	
N62473-06-C-2001		KILDUFF, E.	PAGES CONVERTING REVISION 0 DATED 01		BLDG 00251			
4000		BRAC PMO WEST	JANUARY 2007 TO REVISION 1, AND CD		BLDG 00253			
			COPY] (**SEE COMMENTS)		BLDG 00272			
					BLDG 00281			
					BLDG 0058			
					BLDG 00600			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					PARCEL E-2			
					SITE 00001			
					SITE 00002			
					SITE 00003			
					SITE 00006			
					SITE 00009			
					SITE 00012			
					SITE 00025			
					SITE 00033			
					SITE 00036			
					SITE 00056			
					SITE 00072			
					WELL IR09PPY1			
					WELL			
					IR12MW21A			
					WELL			
					IR28MW151A			
					WELL			
					IR33MW61A			
					WELL			
					IR39MW21A			
					WELL			
					PA36MW08A			

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Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 001565	05-12-2009	BRAC PMO WEST	TRANSMITTAL OF REPLACEMENT PAGES	ADMIN RECORD	PARCEL C	CHOICE IMAGING
BRAC SER	05-08-2007	FORMAN, K.	CONVERTING THE QUARTERLY	INFO REPOSITORY	PARCEL D	SOLUTIONS
BPMOW.MLW/0536	NONE	VARIOUS	GROUNDWATER MONITORING REPORT,	SENSITIVE	PARCEL E	SW-20090522-7/7
CORRESPONDENC		AGENCIES	APRIL - JUNE 2006, TO REVISION 1 (W/OUT			
NONE			ENCLOSURE) (PORTION OF THE MAILING			
2			LIST IS SENSITIVE]			
N00217 / 001099	07-12-2007	BRAC PMO WEST	TRANSMITTAL OF QUARTERLY	ADMIN RECORD	PARCEL C	CHOICE IMAGING
BRAC SER	06-03-2007	FORMAN, K.	GROUNDWATER MONITORING REPORT	INFO REPOSITORY	PARCEL D	SOLUTIONS
BPMOW.MLW/0663	NONE	VARIOUS	(JANUARY - MARCH 2007) AND ANNUAL	SENSITIVE	PARCEL E	SW-20090522-2/7
CORRESPONDENC		AGENCIES	REPORT (PORTION OF MAILING LIST IS		PARCEL E-2	
NONE			SENSITIVE) (W/OUT ENCLOSURE)			
2						
N00217 / 001082	06-21-2007	BRAC PMO WEST	TRANSMITTAL OF REPLACEMENT PAGES	ADMIN RECORD	PARCEL C	CHOICE IMAGING
BRAC SER	06-07-2007	FORMAN, K.	CONVERTING REVISION 0 TO REVISION 1	INFO REPOSITORY	PARCEL D	SOLUTIONS
BPMOW.MLW/0599	NONE	VARIOUS	FOR PARCELS C, D, AND E QUARTERLY	SENSITIVE	PARCEL E	SW-20090424-4/8
CORRESPONDENC		AGENCIES	GROUNDWATER MONITORING REPORT,			
NONE			JULY-SEPTEMBER 2006 (W/OUT			
2			ENCLOSURE) (PORTION OF THE			
			DOCUMENT IS SENSITIVE]			
N00217 / 001088	07-10-2007	BRAC PMO WEST	TRANSMITTAL OF THE QUARTERLY	ADMIN RECORD	PARCEL C	CHOICE IMAGING
BRAC SER	06-07-2007	FORMAN, K.	GROUNDWATER MONITORING REPORT	INFO REPOSITORY	PARCEL D	SOLUTIONS
BPMOW.MLW/0605	NONE	VARIOUS	(OCTOBER - DECEMBER 2006) (PORTION	SENSITIVE	PARCEL E	SW-20090508-2/7
CORRESPONDENC		AGENCIES	OF MAILING LIST IS SENSITIVE) (W/OUT			
NONE			ENCLOSURE)			
2						
N00217 / 001106	07-25-2007	BARAJAS &	FEDERAL FACILITIES AGREEMENT (FFA)	ADMIN RECORD	PARCEL B	CHOICE IMAGING
BAI-5106-0016-0001	07-06-2007	ASSOCIATES, INC.	SCHEDULE	INFO REPOSITORY	PARCEL C	SOLUTIONS
REPORT	CTO 0016	VEDAGIRI, S.			PARCEL D	SW-20090717-2/8
N68711-03-D-5106		BRAC PMO WEST			PARCEL E	
100		FORMAN, K.			PARCEL E-2	
					PARCEL F	

UIC No. / Rec. No.

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Record Type

Record Date

Author

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Subject

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Sites

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CD No.

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08-22-2007

SULTECH

DRAFT FINAL REVISED FEASIBILITY STUDY

ADMIN RECORD

BLDG 00274

CHOICE IMAGING

SULT-5104-0019-

07-06-2007

KNIGHT, J.

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BLDG 00304

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CTO 0019

BRAC PMO WEST

SENSITIVE

BLDG 00313

SW-20090413-1/5 AND

REPORT

BLDG 00313A

SW-20090413-2/5

N68711-03-D-5104

BLDG 00317

12049

BLDG 00322

BLDG 00351

BLDG 00351A

BLDG 00364

BLDG 00365

BLDG 00366

BLDG 00383

BLDG 00408

BLDG 00411

BLDG 00436

BLDG 00813

BLDG 00819

DRYDOCK 4

PARCEL A

PARCEL B

PARCEL C

PARCEL D

PARCEL E

PARCEL E-2

PARCEL F

SITE 00008

SITE 00016

SITE 00017

SITE 00022

SITE 00032

SITE 00033

SITE 00034

SITE 00035

SITE 00036

SITE 00037

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

SITE 00038  
SITE 00039  
SITE 00044  
SITE 00045  
SITE 00048  
SITE 00050  
SITE 00051  
SITE 00053  
SITE 00055  
SITE 00065  
SITE 00066  
SITE 00067  
SITE 00068  
SITE 00069  
SITE 00070  
SITE 00071  
SITE EE-12  
SITE EE-14  
SITE EE-15  
SITE EE-16  
SITE EE-17  
V09  
WELL  
IR09MW35A  
WELL  
IR09MW63A  
WELL  
IR09PO43A  
WELL IR09PPY1  
WELL  
IR33MW61A

## UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	Location	FRC Accession No.
Approx. # Pages	EPA Cat. #	Recipient											SWDIV Box No(s)	FRC Warehouse
													CD No.	FRC Box No(s)
N00217 / 001137	08-24-2007	BARAJAS &	DRAFT REVISED REMEDIAL	ADMIN RECORD	BLDG 00130	CHOICE IMAGING								
BAI-5106-0005-0002	07-27-2007	ASSOCIATES, INC.	INVESTIGATION REPORT (CD COPY	INFO REPOSITORY	BLDG 00241	SOLUTIONS								
REPORT	CTO 0005	VEDAGIRI, S.	ENCLOSED)		BLDG 00371	SW-20090401-4/6 AND								
N68711-03-D-5106		BRAC PMO WEST			BLDG 00400	SW-20090401-5/6								
28000					BLDG 00404A									
					BLDG 00405									
					BLDG 00406									
					BLDG 00408									
					BLDG 00413									
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					BLDG 00510									
					BLDG 00510A									
					BLDG 00511A									
					BLDG 00514									
					BLDG 00518									
					BLDG 00521									
					BLDG 00524									
					BLDG 00527									
					BLDG 00529									
					BLDG 00600									
					BLDG 00606									
					BLDG 00704									
					BLDG 00707									
					BLDG 00708									
					BLDG 00709									
					BLDG 00803									
					BLDG 00809									
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UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

BLDG 00811

BLDG 00815

CAA-10

CAA-11

CAA-12

CAA-15

CAA-16

CAA-19

CAA-5

CAA-6

CAA-7

CAA-8

CAA-8A

CAA-9

CAA-9A

PARCEL A

PARCEL B

PARCEL C

PARCEL D

PARCEL E

PARCEL E-2

PARCEL F

SITE 00001

SITE 00002

SITE 00003

SITE 00004

SITE 00005

SITE 00006

SITE 00007

SITE 00008

SITE 00009

SITE 00010

SITE 00011

SITE 00012

SITE 00013

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

SITE 00014

SITE 00015

SITE 00017

SITE 00018

SITE 00036

SITE 00038

SITE 00039

SITE 00040

SITE 00045

SITE 00050

SITE 00051

SITE 00054

SITE 00056

SITE 00072

SITE 00073

UST 0S-505

UST 0S-508

UST 0S-711

UST 0S-712

UST 0S-713

UST 0S-714

UST 0S-715

UST 0S-801

UST 0S-802

WELL

IR02MW101A1

WELL

IR02MW101A2

WELL

IR02MW114A1

WELL

IR02MW114A2

WELL

IR02MW114A3

WELL

IR02MW126A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR02MW127B  
WELL  
IR02MW141A  
WELL  
IR02MW146A  
WELL  
IR02MW149A  
WELL  
IR02MW173A  
WELL  
IR02MW175A  
WELL  
IR02MW183A  
WELL  
IR02MW18A  
WELL  
IR02MW196A  
WELL  
IR02MW206A1  
WELL  
IR02MW206A2  
WELL  
IR02MW210B  
WELL  
IR02MW298A  
WELL  
IR02MW300A  
WELL  
IR02MW372A  
WELL  
IR02MW373A  
WELL  
IR02MW93A  
WELL  
IR02MW97A  
WELL  
IR02MW98A  
WELL IR02MWB-  
1

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
					WELL IR02MWB-2			
					WELL IR02MWB-3			
					WELL IR02MWB-5			
					WELL IR03MW218A1			
					WELL IR03MW218A2			
					WELL IR03MW224A			
					WELL IR03MW225A			
					WELL IR03MW226A			
					WELL IR03MW228B			
					WELL IR03MW342A			
					WELL IR03MW371A			
					WELL IR03MW372A			
					WELL IR03MW373B			
					WELL IR03MWO-1			
					WELL IR04MW37A			
					WELL IR04MW39A			
					WELL IR04MW40A			
					WELL IR05MW73A			
					WELL IR05MW76A			
					WELL IR05MW77A			

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR05MW85A  
WELL  
IR08MW37A  
WELL  
IR08MW38A  
WELL  
IR08MW42A  
WELL  
IR11MW25A  
WELL  
IR11MW26A  
WELL  
IR11MW27A  
WELL  
IR12MW13A  
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IR12MW14A  
WELL  
IR12MW15A  
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IR14MW09A  
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IR14MW10A  
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IR14MW12A  
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IR14MW13A  
WELL  
IR15MW06A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR15MW07A  
WELL  
IR15MW08A  
WELL  
IR15MW09F  
WELL  
IR15MW10F  
WELL  
IR36MW11A  
WELL  
IR36MW120B  
WELL  
IR36MW122A  
WELL  
IR36MW1239B  
WELL  
IR36MW123B  
WELL  
IR36MW125A  
WELL  
IR36MW127A  
WELL  
IR36MW129B  
WELL  
IR36MW12A  
WELL  
IR36MW135A  
WELL  
IR36MW17A  
WELL  
IR38MW02A  
WELL  
IR39MW21A  
WELL  
IR39MW23A  
WELL  
IR39MW33A  
WELL  
IR39MW35A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR39MW36A  
WELL  
IR56MW39A  
WELL  
IR72MW32A  
WELL  
IR74MW01A  
WELL  
PA36MW03A  
WELL  
PA36MW04A  
WELL  
PA36MW06A  
WELL  
PA36MW07A  
WELL  
PA50MW05A  
WELL  
PA50MW09A  
WELL  
PA50MW10A

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001089	07-10-2007	CE2 -	QUARTERLY GROUNDWATER MONITORING	ADMIN RECORD	BLDG 00134	CHOICE IMAGING
NONE	08-01-2007	KLEINFELDER	REPORT (OCTOBER - DECEMBER 2006)	INFO REPOSITORY	BLDG 00211	SOLUTIONS
REPORT	NONE	KILDUFF, E.	REVISION 1 (INCLUDES REPLACEMENT		BLDG 00231	SW-20090508-2/7
N62473-06-C-2001		BRAC PMO WEST	PAGES CONVERTING THE QUARTERLY		NORTH	
1200			GROUNDWATER MONITORING REPORT		BLDG 00231	
			(OCTOBER - DECEMBER 2006) DATED		SOUTH	
			APRIL 2007 TO REVISION 1)		BLDG 00251	
					BLDG 00253	
					BLDG 00258	
					BLDG 00272	
					BLDG 00281	
					BLDG 00600	
					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					SITE 00001	
					SITE 00002	
					SITE 00003	
					SITE 00009	
					SITE 00012	
					SITE 00025	
					SITE 00028	
					SITE 00032	
					SITE 00033	
					SITE 00036	
					SITE 00056	
					SITE 00071	
					SITE 00072	
					WELL	
					IR02MW179A	
					WELL	
					IR02MW209A	
					WELL	
					IR06MW35A1	
					WELL	
					IR06MW40A	



UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR06MW59A1  
WELL  
IR09MW51F  
WELL  
IR09MWPPY1  
WELL  
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WELL  
IR25MW11A  
WELL  
IR25MW16A  
WELL  
IR25MW54A  
WELL  
IR25MW902B  
WELL  
IR28MW136A  
WELL  
IR28MW151A  
WELL  
IR28MW169A  
WELL  
IR28MW188F  
WELL  
IR28MW211F  
WELL  
IR28MW300F  
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IR28MW406A  
WELL  
IR28MW407  
WELL  
IR28MW407A  
WELL  
IR33MW61A  
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IR36MW08A  
WELL  
IR39MW21A

## UIC No. / Rec. No.

Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			

N00217 / 001142	09-13-2007	BRAC PMO WEST	TRANSMITTAL OF REPLACEMENT PAGES	ADMIN RECORD	WELL IR50MW07A			
BRAC SER	08-21-2007	FORMAN, K.	CONVERTING THE FINAL PROJECT WORK	INFO REPOSITORY	WELL IR58MW31A			
BPMOW.REP/0777	NONE	VARIOUS	PLAN BASE-WIDE STORM DRAIN AND	SENSITIVE	WELL IR58MW33B			
CORRESPONDENC		AGENCIES	SANITARY SEWER REMOVAL, DATED 21		WELL IR71MW03A			
NONE			APRIL 2006, TO REVISION 1 (PORTION OF					
2			THE MAILING LIST IS SENSITIVE) [W/OUT					
			ENCLOSURE]					
					BASEWIDE		CHOICE IMAGING	
							SOLUTIONS	
							SW-20090522-4/7	

N00217 / 001199	11-13-2007	BRAC PMO WEST	TRANSMITTAL OF THE DRAFT REVISED	ADMIN RECORD	PARCEL C			
BRAC SER	09-13-2007	FORMAN, K.	FEASIBILITY STUDY REPORT (W/OUT	INFO REPOSITORY				
BPMOW.REP/0841	NONE	VARIOUS	ENCLOSURE) [PORTION OF MAILING LIST IS	SENSITIVE				
CORRESPONDENC		AGENCIES	SENSITIVE]					
NONE								
3								

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001200

11-13-2007

SULTECH

DRAFT REVISED FEASIBILITY STUDY (FS)

ADMIN RECORD

BLDG 00123

CHOICE IMAGING

SULT-5104-0018-

09-17-2007

DELHOMME, S.

REPORT [CD COPY ENCLOSED]

INFO REPOSITORY

BLDG 00134

SOLUTIONS

0002

CTO 0018

BRAC PMO WEST

BLDG 00203

SW-20090413-2/5 AND

REPORT

BLDG 00205

SW-20090413-3/5

N68711-03-D-5104

BLDG 00211

19064

BLDG 00214

BLDG 00224

BLDG 00231

BLDG 00241

BLDG 00251

BLDG 00252

BLDG 00253

BLDG 00258

BLDG 00270

BLDG 00271

BLDG 00272

BLDG 00281

PARCEL C

SITE 00006

SITE 00025

SITE 00027

SITE 00028

SITE 00029

SITE 00030

SITE 00045

SITE 00049

SITE 00050

SITE 00051

SITE 00057

SITE 00058

SITE 00063

SITE 00064

WELL

IR06MW59A1

WELL

IR06MW59A2

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR25MW15A1  
WELL  
IR25MW15A2  
WELL  
IR25MW18A  
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IR25MW54A  
WELL  
IR25MW902B  
WELL  
IR28MW127A  
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IR28MW129A  
WELL  
IR28MW151A  
WELL  
IR28MW155  
WELL  
IR28MW211F  
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IR28MW272A  
WELL  
IR28MW300F  
WELL  
IR28MW338A  
WELL  
IR28MW407  
WELL  
IR28MW911A  
WELL  
IR58MW31A  
WELL  
IR58MW33B

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001160	10-02-2007	TETRA TECH EC, INC.	DRAFT RADIOLOGICAL ADDENDUM TO THE REVISED FEASIBILITY STUDY (FS) [CD COPY ENCLOSED]	ADMIN RECORD	BLDG 00114	CHOICE IMAGING SOLUTIONS
ECSD-2201-0003-0003	09-28-2007	STEPHAN, C.		INFO REPOSITORY	BLDG 00274	SW-20090413-2/5
REPORT	CTO 0003	BRAC PMO WEST			BLDG 00351	
N62473-06-D-2201					BLDG 00351A	
100					BLDG 00351B	
					BLDG 00364	
					BLDG 00365	
					BLDG 00366	
					BLDG 00401	
					BLDG 00408	
					BLDG 00411	
					BLDG 00813	
					BLDG 00815	
					BLDG 00819	
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					PARCEL E	
					PARCEL E-2	
					PARCEL F	
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					SITE 00313A	
					SITE 00317	
					SITE 00317A	
					SITE 00322	
					SITE 00364	
					SITE 00365	
					SITE 00383	
					SITE 00408	
N00217 / 004235	10-17-2007	TETRA TECH EM INC.	BASE-WIDE RADIOLOGICAL WORK PLAN, REVISION 1 (CD COPY IS ENCLOSED)	ADMIN RECORD	BASEWIDE	CHOICE IMAGING SOLUTIONS
FWSD-RAC-05-0165.R1	10-05-2007	HENDERSON, B.		INFO REPOSITORY		SW-20090702-6/7
REPORT	CTO 0006	BRAC PMO WEST		SENSITIVE		
N62473-06-D-2201						
75						

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.					
Record Type	Record Date	Author					Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001191 BRAC SER BPMOW.MLW/0038 CORRESPONDENC NONE 2	11-01-2007 10-18-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING THE QUARTERLY GROUNDWATER MONITORING REPORT (OCTOBER - DECEMBER 2006) TO REVISION 1 (PORTION OF MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E		CHOICE IMAGING SOLUTIONS SW-20090508-3/7	
N00217 / 001100 CEKA-3001-0000- 0002.R1 REPORT N62473-07-C-3001 5238	07-12-2007 11-01-2007 NONE	CE2 - KLEINFELDER RUCKER, B. BRAC PMO WEST	QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY - MARCH 2007) AND ANNUAL REPORT, REVISION 1 (INCLUDES REPLACEMENT PAGES CONVERTING DOCUMENT, DATED 01 JUNE 2007, TO REVISION 1, AND CD COPY)	ADMIN RECORD INFO REPOSITORY	PARCEL C PARCEL D PARCEL E PARCEL E-2		CHOICE IMAGING SOLUTIONS SW-20090522-3/7	
N00217 / 001267 CEKA-3001-0000- 0004 REPORT N62473-07-C-3001 10000	02-11-2008 11-01-2007 NONE	CE2- KLEINFELDER JOINT VENTURE RUCKNER, B. BRAC PMO WEST	SEMI-ANNUAL GROUNDWATER MONITORING REPORT, APRIL - SEPTEMBER 2007, VOLUMES 1, 2, AND 3 OF 3 {INCLUDES ANALYTICAL DATA} (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BASEWIDE		CHOICE IMAGING SOLUTIONS SW-20090522-6/7	
N00217 / 001231 BRAC SER BPMOW.MLW/0096 CORRESPONDENC NONE 2	11-29-2007 11-15-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING QUARTERLY GROUNDWATER MONITORING REPORT (JANUARY - MARCH 2007) AND ANNUAL REPORT, DATED 1 JUNE 2007, TO REVISION 1 (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C PARCEL D PARCEL E PARCEL E-2		CHOICE IMAGING SOLUTIONS SW-20090522-6/7	

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	Location	FRC Accession No.
Approx. # Pages	EPA Cat. #	Recipient											SWDIV Box No(s)	FRC Warehouse
													CD No.	FRC Box No(s) —
N00217 / 001251		01-07-2008	CHADUXTT JV							FINAL TECHNICAL MEMORANDUM IN	ADMIN RECORD	BLDG 00103	CHOICE IMAGING	
CHAD-3213-0019-		12-12-2007	MOWER, T.							SUPPORT OF A RECORD OF DECISION	INFO REPOSITORY	BLDG 00104	SOLUTIONS	
0002		CTO 0019	BRAC PMO WEST							AMENDMENT (TMSRA) (CD COPY		BLDG 00109	SW-20090508-3/7	
REPORT										ENCLOSED)		BLDG 00113		
N62473-07-D-3213												BLDG 00114		
21000												BLDG 00115		
												BLDG 00116		
												BLDG 00117		
												BLDG 00120		
												BLDG 00123		
												BLDG 00125		
												BLDG 00128		
												BLDG 00130		
												BLDG 00134		
												BLDG 00140		
												BLDG 00141		
												BLDG 00146		
												BLDG 00157		
												PARCEL A		
												PARCEL B		
												PARCEL C		
												SITE 00007		
												SITE 00018		
												SITE 00020		
												SITE 00023		
												SITE 00024		
												SITE 00026		
												SITE 00042		
												SITE 00061		
												SITE 00062		
												WELL		
												IR07MW20A		
												WELL		
												IR07MW21A-1		
												WELL		
												IR07MW24A		

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR07MW25A  
WELL  
IR07MW26A  
WELL IR07MWS-  
1  
WELL IR07MWS-  
2  
WELL IR07MWS-  
4  
WELL  
IR10MW12A  
WELL  
IR10MW14A  
WELL  
IR10MW59A  
WELL  
IR18MW09A  
WELL  
IR18MW21A  
WELL  
IR24MW04A  
WELL  
IR25MW61A1  
WELL  
IR25MW61A2  
WELL  
IR26MW41A  
WELL  
IR26MW45A  
WELL  
IR26MW46A  
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IR26MW47A  
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IR26MW48A  
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IR26MW49A  
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PA50MW02A



UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guld. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s) —
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites		
N00217 / 001243 BRAC SER BPMOW.SAK/0161 CORRESPONDENC NONE 2	12-27-2007 12-17-2007 NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT RADIOLOGICAL ADDENDUM TO THE REVISED FEASIBILITY STUDY (FS) REPORT [W/OUT ENCLOSURE] (PORTION OF MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090413-3/5	
N00217 / 001245 ECSD-2201-0006- 0035 REPORT N62473-06-D-2201 904	12-27-2007 12-17-2007 CTO 0006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT RADIOLOGICAL ADDENDUM TO THE REVISED FEASIBILITY STUDY (FS) REPORT (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BLDG 00203 BLDG 00205 BLDG 00211 BLDG 00213 BLDG 00224 BLDG 00241 BLDG 00253 BLDG 00271 BLDG 00272 PARCEL C SITE 00006 SITE 00025	CHOICE IMAGING SOLUTIONS SW-20090413-3/5	
N00217 / 001264 BAI.5106.0005.0006 REPORT N68711-03-D-5106 100	02-07-2008 01-18-2008 CTO 0005	BARAJAS & ASSOCIATES, INC. ONO, Y. BRAC PMO WEST	FINAL TECHNICAL MEMORANDUM: NONREPRESENTATIVE GROUNDWATER SAMPLES AND INFLUENCES ON RESULTS OF HUMAN HEALTH, RISK ASSESSMENTS (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2	CHOICE IMAGING SOLUTIONS SW-20090522-6/7	

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00217 / 001487	12-24-2008	BARAJAS &	24 JANUARY 2008 RESTORATION	ADMIN RECORD	BLDG 00117	CHOICE IMAGING		
BAI.5106.0016.0015	01-24-2008	ASSOCIATES, INC.	ADVISORY BOARD (RAB) MEETING	INFO REPOSITORY	BLDG 00140	SOLUTIONS		
MINUTES	CTO 0016		MINUTES AND TRANSCRIPT (INCLUDES	SENSITIVE	BLDG 00813	SW-20090619-4/9		
N68711-03-D-5106		RAB MEMBERS	LIST OF ATTENDEES, ACTION ITEMS, AND		BLDG 00819			
45			CD COPY)		PARCEL B			
					PARCEL C			
					PARCEL D			
					PARCEL E			
					PARCEL E-2			
					PARCEL F			
					SITE 00007			
					SITE 00009			
					SITE 00018			
					SITE 00026			
					SITE 00033			
					SITE 00071			
					WELL 00046A			
					WELL 00047A			
					WELL 00048A			
					WELL 00049A			
N00217 / 001276	03-17-2008	BRAC PMO WEST	TRANSMITTAL OF THE DRAFT FINAL	ADMIN RECORD	PARCEL C	CHOICE IMAGING		
BRAC SER	02-04-2008	FORMAN, K.	REVISED FEASIBILITY STUDY REPORT	INFO REPOSITORY		SOLUTIONS		
BPMOW.SAK/0227	NONE	VARIOUS	{PORTION OF MAILING LIST IS SENSITIVE}	SENSITIVE		SW-20090508-4/7		
CORRESPONDENC		AGENCIES	(W/OUT ENCLOSURE)					
NONE								
2								

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guid. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 001277 03-17-2008  
 SULT.5104.0018.000 02-04-2008  
 3 CTO 0018  
 REPORT  
 N68711-03-D-S104  
 19300

SULTECH  
 DELHOMME, S.  
 BRAC PMO WEST

DRAFT FINAL REVISED FEASIBILITY STUDY  
 (FS) REPORT (INCLUDES ANALYTICAL  
 DATA) (CD COPY ENCLOSED)

ADMIN RECORD  
 INFO REPOSITORY

BLDG 00134  
 BLDG 00144  
 BLDG 00203  
 BLDG 00205  
 BLDG 00211  
 BLDG 00218  
 BLDG 00219  
 BLDG 00224  
 BLDG 00231  
 BLDG 00241  
 BLDG 00251  
 BLDG 00253  
 BLDG 00271  
 BLDG 00272  
 BLDG 00281  
 PARCEL C  
 SITE 00006  
 SITE 00025  
 SITE 00027  
 SITE 00028  
 SITE 00029  
 SITE 00030  
 SITE 00045  
 SITE 00049  
 SITE 00050  
 SITE 00051  
 SITE 00057  
 SITE 00058  
 SITE 00063  
 SITE 00064  
 UST S-209  
 WELL  
 IR28MW124A  
 WELL  
 IR28MW126A

CHOICE IMAGING  
 SOLUTIONS  
 SW-20090508-4/7 AND  
 SW-20090508-5/7

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

WELL  
IR28MW127A  
WELL  
IR28MW128A  
WELL  
IR28MW129A  
WELL  
IR28MW155  
WELL  
IR28MW188F  
WELL  
IR28MW189F  
WELL  
IR28MW190F  
WELL  
IR28MW216F  
WELL  
IR28MW299B  
WELL  
IR28MW300F  
WELL  
IR28MW314B  
WELL  
IR28MW31A  
WELL  
IR28MW32B  
WELL  
IR28MW338A  
WELL  
IR28MW33B  
WELL  
IR28MW354A  
WELL  
IR28MW35A  
WELL  
IR28MW360F  
WELL  
IR28MW36A  
WELL  
IR28MW397B

UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guid. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

						WELL IR28MW407 WELL IR28MW909A WELL IR28MW911A WELL IR28MW914A WELL IR28MW919A WELL IR58MW32B		
N00217 / 001488 BAI.5106.0016.0017 MINUTES N68711-03-D-5106 39	12-24-2008 <b>02-28-2008</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	28 FEBRUARY 2008 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES AND TRANSCRIPT (INCLUDES LIST OF ATTENDEES, ACTION ITEMS, AND CD COPY)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2	CHOICE IMAGING SOLUTIONS SW-20090619-4/9		
N00217 / 001295 BRAC SER BPMOW.SAK/0316 CORRESPONDENC NONE 2	04-08-2008 <b>03-11-2008</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT FINAL RADIOLOGICAL ADDENDUM, TO THE REVISED FEASIBILITY STUDY (FS) REPORT (W/OUT ENCLOSURE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090508-5/7		
N00217 / 001297 ECSD-2201-0006- 0075 REPORT N62473-06-D-2201 900	04-08-2008 <b>03-11-2008</b> CTO 0006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	DRAFT FINAL RADIOLOGICAL ADDENDUM, TO THE REVISED FEASIBILITY STUDY (FS) REPORT (CD COPY ENCLOSED)	ADMIN RECORD INFO REPOSITORY	BLDG 00203 BLDG 00205 BLDG 00211 BLDG 00214 BLDG 00224 BLDG 00241 BLDG 00253 BLDG 00271 BLDG 00272 PARCEL C	CHOICE IMAGING SOLUTIONS SW-20090508-5/7		

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guild. No.	CTO No.	Recipient Affil.					SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00217 / 001490 BAI.5106.0016.0020 MINUTES N68711-03-D-5106 73	12-24-2008 <b>04-24-2008</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	24 APRIL 2008 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES AND TRANSCRIPT (INCLUDES LIST OF ATTENDEES, ACTION ITEMS, AND CD COPY)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00819 PARCEL 049 PARCEL B PARCEL C PARCEL D PARCEL E-2 SITE 00009 SITE 00033 SITE 00071	CHOICE IMAGING SOLUTIONS SW-20090619-4/9		
N00217 / 001491 BAI.5106.0016.0022 MINUTES N68711-03-D-5106 20	12-24-2008 <b>05-22-2008</b> CTO 0016	BARAJAS & ASSOCIATES, INC.  RAB MEMBERS	22 MAY 2008 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES AND TRANSCRIPT (INCLUDES LIST OF ATTENDEES, ACTION ITEMS, AND CD COPY)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BLDG 00813 BLDG 00815 BLDG 00819 PARCEL 00049 PARCEL B PARCEL C PARCEL D PARCEL E-2 SITE 00001 SITE 00002 SITE 00007 SITE 00009 SITE 00010 SITE 00018	CHOICE IMAGING SOLUTIONS SW-20090619-4/9		
N00217 / 001347 BRAC SER BPMOW.DJ/0522 CORRESPONDENC NONE 2	07-02-2008 <b>06-17-2008</b> NONE	BRAC PMO WEST FORMAN, K. CALIFORNIA DEPARTMENT OF PUBLIC HEALTH - SACRAMENTO, CA KOHLI, V.	TRANSMITTAL OF THE FINAL RESPONSE TO COMMENTS ON THE FINAL BASE-WIDE STORM DRAIN AND SANITARY SEWER REMOVAL PROJECT WORK PLAN, REVISION 1 (W/ OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090522-7/7		

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001348

07-02-2008

TETRA TECH EC,  
INC.

ECSD-2201-0006-

06-17-2008

0079

CTO 0006

CORRESPONDENC

N62473-06-D-2201

13

NAVFAC -  
SOUTHWEST

FINAL RESPONSE TO COMMENTS ON THE  
FINAL BASE-WIDE STORM DRAIN AND  
SANITARY SEWER REMOVAL PROJECT  
WORK PLAN, REVISION 1 (CD COPY  
ENCLOSED)

ADMIN RECORD  
INFO REPOSITORY

BASEWIDE

CHOICE IMAGING  
SOLUTIONS  
SW-20090522-7/7

UIC No. / Rec. No.

Doc. Control No.

Record Type

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Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s)

N00217 / 001333	06-23-2008	JONAS AND ASSOCIATES INC.	DRAFT SECOND FIVE-YEAR REVIEW OF REMEDIAL ACTIONS (CD COPY ENCLOSED)	POST DECISION FILE	BLDG 00123	CHOICE IMAGING SOLUTIONS
JNS-7417-0004-0172	06-18-2008	MALAEB, S.	[PORTION OF MAILING LIST IS SENSITIVE]	SENSITIVE	BLDG 00134	SW-20090605-2/9
REPORT	CTO 0004	BRAC PMO WEST			PARCEL A	
N68711-05-G-7417		URIZAR, L.			PARCEL B	
250					PARCEL C	
					PARCEL D	
					PARCEL E	
					PARCEL E-2	
					PARCEL F	
					SITE 00007	
					SITE 00018	
					SITE 00026	
					WELL	
					IR07MW12A	
					WELL IR07MW21	
					WELL	
					IR07MW24A	
					WELL IR07MWS-4	
					WELL	
					IR10MW13A1	
					WELL	
					IR10MW23A	
					WELL	
					IR10MW33A	
					WELL	
					IR10MW59A	
					WELL	
					IR10MW61A	
					WELL	
					IR10MW71A	
					WELL	
					IR26MW47A	
					WELL	
					IR26MW49A	



UIC No. / Rec. No.

Doc. Control No.

Record Type

Contr./Guld. No.

Approx. # Pages

Prc. Date

Record Date

CTO No.

EPA Cat. #

Author Affil.

Author

Recipient Affil.

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 001451

11-04-2008

BRAC PMO WEST

BRAC SER

06-20-2008

FORMAN, K.

BPMOW.SAK/0479

NONE

VARIOUS

CORRESPONDENC

AGENCIES

NONE

2

TRANSMITTAL OF THE RADIOLOGICAL  
ADDENDUM, FINAL REVISED FEASIBILITY  
STUDY (W/OUT ENCLOSURE) [PORTION OF  
THE MAILING LIST IS SENSITIVE]ADMIN RECORD  
INFO REPOSITORY  
SENSITIVE

PARCEL C

CHOICE IMAGING  
SOLUTIONS  
SW-20090619-4/9

N00217 / 001452

11-04-2008

TETRA TECH EC,  
INC.ECSD-2201-0006-  
0077

06-20-2008

DOUGHERTY, B.

REPORT

CTO 0006

BRAC PMO WEST

N62473-06-D-2201

915

RADIOLOGICAL ADDENDUM, FINAL  
REVISED FEASIBILITY STUDY (CD COPY  
ENCLOSED)ADMIN RECORD  
INFO REPOSITORYBLDG 00203  
BLDG 00205  
BLDG 00211  
BLDG 00214  
BLDG 00224  
BLDG 00241  
BLDG 00253  
BLDG 00271  
BLDG 00272  
PARCEL CCHOICE IMAGING  
SOLUTIONS  
SW-20090619-4/9

UIC No. / Rec. No.	Prc. Date	Author Affil.					
Doc. Control No.	Record Date	Author				Location	FRC Accession No.
Record Type	CTO No.	Recipient Affil.				SWDIV Box No(s)	FRC Warehouse
Contr./Guld. No.	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00217 / 001492	12-24-2008	BARAJAS &	26 JUNE 2008 RESTORATION ADVISORY	ADMIN RECORD	BLDG 00140	CHOICE IMAGING	
BAI.5106.0016.0025	06-26-2008	ASSOCIATES, INC.	BOARD (RAB) MEETING MINUTES AND	INFO REPOSITORY	BLDG 00144	SOLUTIONS	
MINUTES	CTO 0016		TRANSCRIPT (INCLUDES LIST OF	SENSITIVE	BLDG 00317	SW-20090619-4/9	
N68711-03-D-5106		RAB MEMBERS	ATTENDEES, ACTION ITEMS, AND CD COPY)		BLDG 00351		
43					BLDG 00351A		
					BLDG 00364		
					BLDG 00365		
					BLDG 00366		
					BLDG 00401		
					BLDG 00408		
					PARCEL B		
					PARCEL C		
					PARCEL D		
					PARCEL D-2		
					PARCEL E		
					PARCEL E-2		
					PARCEL G		
					SITE 00007		
					SITE 00317		
N00217 / 001412	09-10-2008	CE2-	SEMI-ANNUAL GROUNDWATER	ADMIN RECORD	BASEWIDE	CHOICE IMAGING	
CEKA-3001-0000-	07-01-2008	KLEINFELDER	MONITORING REPORT (OCTOBER 2007 -	INFO REPOSITORY		SOLUTIONS	
0008	NONE	JOINT VENTURE	MARCH 2008) [INCLUDES ANALYTICAL DATA			SW-20090605-6/9	
REPORT		RUCKER, B.	AND CD COPY] {SEE RECORD # 1408 - BRAC				
N62473-07-C-3001		BRAC PMO WEST	PMO WEST TRANSMITTAL LETTER}				
8000							
N00217 / 001397	08-13-2008	BRAC PMO WEST	TRANSMITTAL OF THE FINAL FEASIBILITY	ADMIN RECORD	PARCEL C	CHOICE IMAGING	
BRAC SER	07-31-2008	FORMAN, K.	STUDY REPORT (PORTION OF THE MAILING	INFO REPOSITORY		SOLUTIONS	
BPMOW.SAK/0613	NONE	VARIOUS	LIST IS SENSITIVE) [W/ OUT ENCLOSURE]	SENSITIVE		SW-20090619-2/9	
CORRESPONDENC		AGENCIES	{SEE RECORD # 1398 - FINAL FEASIBILITY				
NONE			STUDY REPORT}				
3							

UIC No. / Rec. No.

Doc. Control No.

Prc. Date

Author Affil.

Record Type

Record Date

Author

Contr./Guld. No.

CTO No.

Recipient Affil.

Approx. # Pages

EPA Cat. #

Recipient

Subject

Classification

Sites

Location

SWDIV Box No(s)

CD No.

FRC Accession No.

FRC Warehouse

FRC Box No(s) —

N00217 / 001398  
SULT.5104.0018.0004  
REPORT  
N68711-03-D-5104  
40000

08-13-2008  
07-31-2008  
CTO 0018

SULTECH  
HALL, S.  
BRAC PMO WEST

FINAL FEASIBILITY STUDY REPORT  
(INCLUDES ANALYTICAL DATA) [CD COPY  
ENCLOSED]

ADMIN RECORD  
INFO REPOSITORY

BLDG 00134  
BLDG 00204  
BLDG 00205  
BLDG 00207  
BLDG 00231  
BLDG 00241  
BLDG 00253  
BLDG 00258  
BLDG 00272  
BLDG 00273  
BLDG 00281  
PARCEL C  
SITE 00006  
SITE 00025  
SITE 00045  
SITE 00049  
SITE 00050  
SITE 00051  
WELL  
IR28MW124A  
WELL  
IR28MW125A  
WELL  
IR28MW126A  
WELL  
IR28MW129A  
WELL  
IR28MW131A  
WELL  
IR28MW155  
WELL  
IR28MW171  
WELL  
IR28MW188F  
WELL  
IR28MW300F  
WELL  
IR28MW35A

CHOICE IMAGING  
SOLUTIONS  
SW-20090619-3/9 AND  
SW-20090619-4/9

UIC No. / Rec. No.								
Doc. Control No.	Prc. Date	Author Affil.					Location	FRC Accession No.
Record Type	Record Date	Author					SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.					CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites			
					WELL IR28MW397B WELL IR28MW401B WELL IR28MW909A WELL IR28MW911A WELL IR28MW914A			
N00217 / 001408 BRAC SER BPMOW.HGK/0784 CORRESPONDENC NONE 2	09-10-2008 <b>08-28-2008</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF THE SEMI-ANNUAL GROUNDWATER MONITORING REPORT (OCTOBER 2007- MARCH 2008) [PORTION OF THE MAILING LIST IS SENSITIVE] {W/OUT ENCLOSURE} (SEE RECORD # 1412 - SEMI-ANNUAL GROUNDWATER MONITORING REPORT)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BASEWIDE		CHOICE IMAGING SOLUTIONS SW-20090605-5/9	
N00217 / 001428 CHAD-3213-0029- 0002 REPORT N62473-07-D-3213 50	10-07-2008 <b>09-01-2008</b> CTO 0029	CHADUXTT JV  NAVFAC - SOUTHWEST	DRAFT PROPOSED PLAN (UNFORMATTED VERSION) [CD COPY ENCLOSED]	ADMIN RECORD	PARCEL C PARCEL UC-2		CHOICE IMAGING SOLUTIONS SW-20090702-1/7	
N00217 / 001427 BRAC SER BPMOW.SAK/0851 CORRESPONDENC NONE 3	10-07-2008 <b>09-22-2008</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT PROPOSED PLAN (UNFORMATTED VERSION) [W/ OUT ENCLOSURE]	ADMIN RECORD	PARCEL C		CHOICE IMAGING SOLUTIONS SW-20090702-1/7	

UIC No. / Rec. No.							
Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guld. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites		
N00217 / 001467 JNS-7417-0004-0324 REPORT N68711-05-G-7417 325	11-14-2008 <b>11-11-2008</b> CTO 0004	JONAS AND ASSOCIATES INC. MALAEB, S. BRAC PMO WEST	FINAL SECOND FIVE-YEAR REVIEW OF REMEDIAL ACTIONS (CD COPY ENCLOSED)	POST DECISION FILE	BLDG 00134 BLDG 00140 PARCEL A PARCEL B PARCEL C PARCEL D PARCEL E PARCEL E-2 PARCEL F SITE 00007 SITE 00010 SITE 00018 SITE 00026	CHOICE IMAGING SOLUTIONS SW-20090605-6/9	
N00217 / 001462 EMAC-8823-0002- 0002 REPORT N62473-08-D-8823 18	12-03-2008 <b>11-21-2008</b> CTO 0002	TETRA TECH EC, INC. WEINGARZ, R. BRAC PMO WEST	FINAL EXECUTION PLAN, FISHER AND SPEAR AVENUES SANITARY SEWER AND STORM DRAIN REMOVAL (CD COPY ENCLOSED)	SITE FILE (SF)	PARCEL C PARCEL G PARCEL UC1 PARCEL UC2	CHOICE IMAGING SOLUTIONS SW-20090702-7/7	
N00217 / 000955 FWSD-RAC-06- 0675.R3 REPORT N62473-06-D-2201 400	07-13-2006 <b>11-30-2008</b> CTO 0006	TETRA TECH EC, INC. DOUGHERTY, B. BRAC PMO WEST	FINAL PROJECT WORK PLAN, REVISION 3, BASE-WIDE STORM DRAIN AND SANITARY SEWER REMOVAL (**SEE COMMENTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090522-1/7	
N00217 / 001476 BRAC SER BPMOW.DCJ/1117 CORRESPONDENC NONE 2	12-08-2008 <b>12-05-2008</b> NONE	BRAC PMO WEST FORMAN, K. VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING THE FINAL PROJECT WORK PLAN, REVISION 2, BASE-WIDE STORM DRAIN AND SANITARY SEWER REMOVAL, TO REVISION 3 (PORTION OF THE MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090522-7/7	

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N00217 / 001519 CEKA-3001-0000-0012 REPORT N62473-07-C-3001 8612	03-02-2009 <b>02-01-2009</b> NONE	CE2- KLEINFELDER JOINT VENTURE RUCKER, B. BRAC PMO WEST	SEMI-ANNUAL GROUNDWATER MONITORING REPORT (APRIL - SEPTEMBER 2008) [INCLUDES ANALYTICAL DATA AND CD COPY]	POST DECISION FILE	BASEWIDE	CHOICE IMAGING SOLUTIONS SW-20090619-7/9		
N00217 / 001548 TN&A-3217-0004-0008.A1/D & .A1/F REPORT N62473-07-D-3217 27	04-01-2009 <b>04-10-2009</b> CTO 0004	TN & ASSOCIATES, INC. SHARMA, S. BRAC PMO WEST	FINAL ADDENDUM 01 TO THE FINAL SAMPLING AND ANALYSIS PLAN (SAP) (FIELD SAMPLING PLAN (FSP) AND QUALITY ASSURANCE PROJECT PLAN (QAPP)) TREATABILITY STUDY FOR VARIOUS ORGANIC COMPOUNDS (**SEE COMMENTS)	ADMIN RECORD INFO REPOSITORY	BLDG 00253 PARCEL C RU C1	CHOICE IMAGING SOLUTIONS SW-20090619-8/9		
N00217 / 001549 TN&A-3217-0004-0009 & TN&A-3217-0004-0009.R1 REPORT N62473-07-D-3217 17	04-01-2009 <b>04-10-2009</b> CTO 0004	TN & ASSOCIATES, INC. SHARMA, S. BRAC PMO WEST	FINAL TRANSPORTATION AND DISPOSAL PLAN TREATABILITY STUDY FOR VARIOUS ORGANIC COMPOUNDS (INCLUDES REPLACEMENT PAGES CONVERTING THE DRAFT, DATED 12 FEBRUARY 2009, TO FINAL, AND CD COPY) [REPLACEMENT PAGES ISSUED ON 20 APRIL 2009]	ADMIN RECORD INFO REPOSITORY	BLDG 00253 PARCEL C RU C1	CHOICE IMAGING SOLUTIONS SW-20090619-8/9		
N00217 / 001546 TN&A-3217-0004-0006 & TN&A-3217-0004-0006.R1 REPORT N62473-07-D-3217 201	04-01-2009 <b>04-15-2009</b> CTO 0004	TN & ASSOCIATES, INC. WOLFGANG, C. NAVFAC - SOUTHWEST	FINAL ACCIDENT PREVENTION PLAN (APP)/SITE SAFETY AND HEALTH PLAN (SSH) TREATABILITY STUDY FOR VARIOUS ORGANIC COMPOUNDS (INCLUDES REPLACEMENT PAGES CONVERTING THE DRAFT, DATED 12 FEBRUARY 2009, TO FINAL, AND CD COPY) [**SEE COMMENTS]	ADMIN RECORD INFO REPOSITORY	BLDG 00253 PARCEL C RU C1	CHOICE IMAGING SOLUTIONS SW-20090619-8/9		
N00217 / 001547 TN&A-3217-0004-0007 & TN&A-3217-0004-0007.R1 REPORT N62473-07-D-3217 40	04-01-2009 <b>04-17-2009</b> CTO 0004	TN & ASSOCIATES, INC. SHARMA, S. BRAC PMO WEST	FINAL DATA MANAGEMENT PLAN TREATABILITY STUDY FOR VARIOUS ORGANIC COMPOUNDS (INCLUDES REPLACEMENT PAGES CONVERTING THE DRAFT, DATED 12 FEBRUARY 2009, TO FINAL AND CD COPY) [REPLACEMENT PAGES ISSUED ON 20 APRIL 2009]	ADMIN RECORD INFO REPOSITORY	BLDG 00253 PARCEL C RU C1	CHOICE IMAGING SOLUTIONS SW-20090619-8/9		

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N00217 / 001586	06-17-2009	BRAC PMO WEST	TRANSMITTAL OF THE DRAFT RECORD OF DECISION (ROD) [W/OUT ENCLOSURE]	ADMIN RECORD	PARCEL UC-2	NAVFAC
BRAC SER	05-13-2009	FORMAN, K.		INFO REPOSITORY		SOUTHWEST - BLDG.
BPMOW.SAK/0292	NONE	VARIOUS				1
CORRESPONDENC		AGENCIES				
NONE						
4						

N00217 / 001587	06-17-2009	CHADUXTT JV	DRAFT RECORD OF DECISION (ROD) [CD COPY ENCLOSED]	ADMIN RECORD	PARCEL B	NAVFAC
CHAD-3213-0039-0003	05-13-2009			INFO REPOSITORY	PARCEL C	SOUTHWEST - BLDG.
REPORT	CTO 0039	BRAC PMO WEST		SENSITIVE	PARCEL UC-2	1
N62473-07-D-3213					SITE 00006	
642					SITE 00025	

N00217 / 001599	07-27-2009	TETRA TECH EC, INC.	FINAL BASEWIDE DUST CONTROL PLAN (CD COPY ENCLOSED)	ADMIN RECORD	BASEWIDE	NAVFAC
ECSD-3211-0018-0002	06-12-2009	DOUGHERTY, B.		INFO REPOSITORY		SOUTHWEST - BLDG.
REPORT	CTO 0018	BRAC PMO WEST		SENSITIVE		1
N62473-07-D-3211						
40						

N00217 / 001598	07-27-2009	BRAC PMO WEST	TRANSMITTAL OF THE FINAL BASEWIDE DUST CONTROL PLAN (W/OUT ENCLOSURE)	ADMIN RECORD	BASEWIDE	NAVFAC
BRAC SER	06-18-2009	FORMAN, K.		INFO REPOSITORY		SOUTHWEST - BLDG.
BPMOW.DCJ/0387	NONE	VARIOUS				1
CORRESPONDENC		AGENCIES				
NONE						
2						

**Total Estimated Record Page Count: 288,716**

**Total - Administrative Records: 430**

[UIC NUMBER]='N00217'

No Keywords

Sites=006;BASEWIDE;PARCEL C;PARCEL UC2;PARCEL UC-2;SITE 00006

No Classification

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION (ROD) FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA**

The table below contains the responses to comments received from the regulatory agencies on the “Draft Final Record of Decision for Parcel UC-2, Hunters Point Shipyard, San Francisco, California,” dated August 12, 2009. The comments addressed below were received from the U.S. Environmental Protection Agency (EPA), the California Department of Toxic Substances Control (DTSC), the California Regional Water Control Board (Water Board), and the San Francisco City and County Department of Public Health (city) during the period from September 11, 2009, through September 17, 2009. Throughout this table, *italicized* text represents additions to the document and ~~strikeout~~ text indicates deletions. Also throughout this table, references to page, section, table, and figure numbers pertain to the new document unless indicated otherwise.

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009)</b>			
<b>GENERAL COMMENT</b>			
1.		<p>This ROD should stand alone and not evaluate remedy components which are only related to Parcel C, and which are not applicable at Parcel UC-2. We understand that Parcel UC-2 was divided from Parcel C after the Proposed Plan, but that can be explained up-front, and then all components unrelated to conditions at Parcel UC-2 should be deleted. Specifically, on Page 2 the sentence beginning "One overall remedy was selected..." should be replaced with the following: "Parcel UC-2 was evaluated as part of the Parcel C RI/FS and proposed plan. However, this ROD addresses only those releases which are located within the newly defined parcel UC-2 and does not address the balance of the former Parcel C".</p>	<p>The Navy received comments related to selected remedial alternatives and selected remedy components from EPA and DTSC. The general changes proposed by these comments are summarized as follows:</p> <ul style="list-style-type: none"> <li>(A) Only remedy components relevant to Parcel UC-2 should be discussed in the ROD (EPA).</li> <li>(B) Remedial alternatives which have the same remedy components for Parcel UC-2 should be evaluated and rated consistently as the same (DTSC).</li> <li>(C) For relevant remedy components that are the same for two alternatives, as in soil remedial alternatives S-4 and S-5, the Navy may consider selecting the simpler S-4 rather than S-5 (the preferred alternative through the Feasibility Study [FS] and Proposed Plan) (DTSC).</li> </ul> <p>The Navy agrees with the above recommendations and has incorporated changes in the Final ROD accordingly. Only remedy components relevant to Parcel UC-2 were evaluated in the final ROD. For two remedial alternatives with identical remedy components (that is, same cost and relative ranking), such as for soil Alternatives S-4 and S-5, the alternatives were evaluated as the same—in this case, Alternative S-4/5. The Navy has been consistent in the presentation and evaluation of remedial alternatives for the Parcel UC-2 portion of the former Parcel C throughout the FS, Proposed Plan, Draft ROD, and the Draft Final ROD, as required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process. The Navy believes that the changes incorporated to the Final UC-2 ROD have greatly reduced the complexity of the Final ROD and improved readability, while continuing to meet CERCLA requirements. Please see also responses to EPA (Mr. Ripperda Specific Comments 5 and 6; Mr. Carr Specific Comment 3) and DTSC (General Comments 2 and 3).</p>



**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009) (Continued)</b>			
1. (Cont'd)			<p>In response to this comment, the Navy revised the text on Page 2, Section 1.1 SELECTED REMEDY, first paragraph as follows:</p> <p><del>“One overall remedy was selected for Parcels UC 2 and C; however, many of the actions in the overall remedy are not required at Parcel UC 2. Parcel UC-2 was evaluated as part of the FS for the former Parcel C and Proposed Plan for Parcels C and UC-2. However, this ROD addresses only those releases which are located within the newly defined Parcel UC-2 and does not address the balance of the former Parcel C.”</del></p>
<b>SPECIFIC COMMENTS</b>			
1.		<b>Page 1:</b> Please remove the sentence in the footnote which states: “The excerpts referenced by the hyperlinks are part of the ROD.”	The sentence has been removed.
2.		<b>Section 2.3, page 14 (original comment 2):</b> The text states that no soil samples were collected within UC-2, but provides no reason for that. The first paragraph of the section describes the Parcel C RI and FS, but doesn't clearly explain why no samples were collected in UC-2 and why either the results from Parcel C or HPALs should be used in UC-2. Please edit the section to explain that there were no known sources in UC-2 and hence no soil samples, but that conditions can be represented by HPALs.	<p>Section 2.3 was revised as suggested:</p> <p><i>Because no known sources of chemical contamination are in Parcel UC-2 soil, no soil samples were collected. The Final FS Report for Parcel C concluded that soil conditions in the Parcel UC-2 area can be represented by Hunters Point ambient levels (HPAL). Therefore, the predominant chemicals of concern in Parcel UC-2 soil are metals<sub>(10)</sub>. Although no soil samples were collected within Parcel UC 2, the final Parcel C FS concluded that based on soil data collected within Parcel C, elevated concentrations of metals such as arsenic, manganese, and nickel are expected for fill material derived from quarried bedrock that was used to build the shipyard in the 1940s. The final Parcel C FS also recommended applying the cover alternative parcel-wide because of the ubiquity of metals at concentrations that exceed remediation goals throughout the former Parcel C, including Parcel UC-2.</i></p>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009) (Continued)</b>			
3.		<p><b>Tables 3 and 4 (original comment 2):</b> I agree with removing the redundant inclusion of RGs in both tables. However, the rest of the response did not address the comment. The response states that no samples were collected in UC-2, but then goes on to say that “some of the risk grids ... include the northern border of UC-2”. Samples were either collected within UC-2 or they weren’t. If the samples were collected immediately outside of and adjacent to UC-2, then present it that way in the ROD, or explain that since no samples were collected, we’re assuming that the soil levels are represented by HPALs. Table 3 confuses the issue by implying that samples were collected, which is at odds with the text on page 14 (footnote b doesn’t help). In addition, there shouldn’t be a distinction between residential and construction scenarios in Table 3. If we’re assuming HPALs exist across the parcel, then that is what drives the need for a cover and LUCs in both the residential and construction worker areas. Please either re-do Table 3 or change the table to text to present and explain that the soil levels are estimated based on HPALs throughout the parcel.</p>	<p>Tables 3 and 4 were revised as suggested: Parcel UC-2 soil concentrations are represented by HPALs, the distinction between the residential and construction risk scenarios was removed, and the footnotes were revised (see below).</p> <p>In Table 3, footnote b was revised as follows:</p> <p><i>Although no soil data were collected within Parcel UC-2, soil conditions can be represented by Hunters Point ambient levels (HPAL), which indicate that elevated concentrations of metals such as arsenic (11.1 mg/kg) and manganese (1,431 mg/kg) are present. <del>the maximum concentrations of metals such as arsenic and manganese are expected to exceed the soil remediation goal.</del></i></p> <p>In Table 4, the following was added as footnote d:</p> <p><i>Although no soil data were collected within Parcel UC-2, soil conditions can be represented by Hunters Point ambient levels (HPAL). Maximum concentrations of metals such as arsenic and manganese are expected to exceed the soil remediation goal.</i></p>
4.		<p><b>Section 2.3, Table 3, and Figure 6 (original comment 3):</b> Please use the latest data on the figure and in Table 3, or at least the highest data from the last year of sampling. The text on page 15 provides an appropriate discussion of the 1997 high hit and the more recent data. Similar to the previous comment, the discrepancy between the text and Table 3 is counterproductive.</p>	<p>The difficulty with revising Section 2.3, Table 3, and Figure 6 is that these sections accurately present the 1997 data set used in the risk assessment and feasibility study for Parcel UC-2. The more recent data were added to the draft final ROD at the request of the regulatory agencies, but these were not the data used to make remedial decisions for Parcel UC-2.</p> <p>In response to this comment, Figure 6 was changed as follows: (1) the inset label, “Carbon Tetrachloride 28 µg/L” was changed to “Carbon Tetrachloride 28 µg/L (1993) and 5 µg/L (April 2008)*,” and (2) note was added “*Maximum concentration detected (1993). In April 2008, maximum concentration of carbon tetrachloride was 5 µg/L.”</p> <p>In Table 3, Chemicals of Concern in Soil and Groundwater Requiring a Response Action, footnote c was added to the groundwater concentrations for VOCs to show concentrations from the most recent groundwater data from April 2008 as follows:</p> <p><i>Maximum concentrations in groundwater from the most recent groundwater monitoring event (April 2008) are as follows: carbon tetrachloride (5 µg/L), chloroform (2.5 µg/L), and trichloroethene (0.5 µg/L).</i></p>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009) (Continued)</b>			
4. (cont'd)			Please also see response to EPA (Ripperda) Specific Comment 7.
5.		<p><b>Sections 2.8, 2.8.1, and 2.8.2 (original comment 5):</b> I know that you're trying to be consistent with the Proposed Plan, which included alternatives not necessary for UC-2. However, this can be accomplished much more clearly with a slightly expanded discussion in Section 2.8.1. Please delete the second paragraph of Section 2.8, as it is redundant with the second paragraph of Section 2.8.1. Provide an explanation for the two bullets in Section 2.8.1 and further explain that only the alternatives in the Proposed Plan that apply to Parcel UC-2 will be carried through in the subsequent sections of this ROD. Then delete any alternatives or discussions from the rest of the following subsections and Tables 6 and 7 that do not apply to Parcel UC-2. This ROD should focus on Parcel UC-2, and not try to compare and contrast with Parcel C.</p>	<p>Please see also responses to EPA (Mr. Ripperda General Comment 1 and Specific Comment 6; Mr. Carr Specific Comment 3) and DTSC (General Comments 2 and 3).</p> <p>The suggested changes were incorporated in the ROD (Section 2.8, Section 2.9, Table 7 (formerly Table 6), and Table 8 (formerly Table 7).</p> <p>Section 2.8 DESCRIPTION AND EVALUATION OF REMEDIAL ALTERNATIVES, second paragraph, was removed.</p> <p>Section 2.8.1 Description of Remedial Alternatives, was modified as follows:</p> <p>"The feasibility study was conducted for the former Parcel C, which consisted of the current Parcels UC-2 and C. Parcel UC-2 is a small, non-industrial portion of the former Parcel C. The former Parcel C was subsequently split into the current Parcels C and UC-2 at the proposed plan stage of the CERCLA process. Evaluation of risk, development of remedial action objectives, and evaluation of remedial alternatives as documented in the final feasibility study pertain to both the current Parcel C and UC-2; as such, only a subset of the soil and groundwater remedy components evaluated in the FS are applicable to the Parcel UC-2 portion of the former Parcel C.</p> <p><i>The relevant remedy components are as follows:</i></p> <ul style="list-style-type: none"> <li>• ICs, maintained landscaping, and covers for soil.</li> <li>• ICs, long-term monitoring, and MNA for groundwater.</li> </ul> <p><del>Full description of the remedial alternatives as presented in the FS and proposed plan were retained for completeness and consistency. However, many of the following</del> The following remedy components in the soil and groundwater alternatives are not relevant for the Parcel UC-2 portion of the former Parcel C, and therefore are not applicable to Parcel UC-2:</p> <ul style="list-style-type: none"> <li>• Excavation, off-site disposal, and SVE for soil.</li> <li>• In situ ZVI reduction and bioremediation for groundwater.</li> </ul> <p><i>Only the relevant remedy components for Parcel UC-2 are presented and evaluated in this ROD.</i></p>

RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)

No.	Page	Comment	Response																																																	
Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009) (Continued)																																																				
5. (Cont'd)			<p>The relevant remedy components for Parcel UC-2 are summarized below:</p> <p><b>Table 6. Summary of Parcel UC-2 Remedial Alternatives and Remedy Components</b></p> <table><tr><th>Medium</th><th>UC-2 ROD Alternative</th><th>FS Alternative</th><th>Relevant Remedy Components for Parcel UC-2</th><th>Remedy Components not Relevant for Parcel UC-2 (not evaluated in ROD)</th></tr><tr><td rowspan="5">Soil</td><td>S-1</td><td>S-1</td><td>Existing Soil</td><td></td></tr><tr><td rowspan="2">S-2/3</td><td>S-2</td><td>ICs, Maintained Landscaping</td><td></td></tr><tr><td>S-3</td><td>ICs, Maintained Landscaping</td><td>Excavation, Off- site Disposal</td></tr><tr><td rowspan="2">S-4/5</td><td>S-4</td><td>ICs, Install Covers</td><td></td></tr><tr><td>S-5</td><td>ICs, Install Covers</td><td>Excavation, Off- site Disposal, SVE</td></tr><tr><td rowspan="4">Groundwater</td><td>GW-1</td><td>GW-1</td><td>Existing Groundwater</td><td></td></tr><tr><td>GW-2</td><td>GW-2</td><td>ICs, Groundwater Monitoring</td><td></td></tr><tr><td rowspan="2">GW-3/4</td><td>GW-3(A&amp;B)</td><td>ICs, Monitored Natural Attenuation</td><td>ZVI reduction, bioremediation</td></tr><tr><td>GW-4</td><td>ICs, Monitored Natural Attenuation</td><td>ZVI reduction, plume-wide bioremediation</td></tr><tr><td rowspan="2">Radiologically Impacted Structures and Soil</td><td>R-1</td><td>R-1</td><td>Existing Structures and Soil</td><td></td></tr><tr><td>R-2</td><td>R-2</td><td>Survey, Decontamination, Excavation, Disposal</td><td></td></tr></table>	Medium	UC-2 ROD Alternative	FS Alternative	Relevant Remedy Components for Parcel UC-2	Remedy Components not Relevant for Parcel UC-2 (not evaluated in ROD)	Soil	S-1	S-1	Existing Soil		S-2/3	S-2	ICs, Maintained Landscaping		S-3	ICs, Maintained Landscaping	Excavation, Off- site Disposal	S-4/5	S-4	ICs, Install Covers		S-5	ICs, Install Covers	Excavation, Off- site Disposal, SVE	Groundwater	GW-1	GW-1	Existing Groundwater		GW-2	GW-2	ICs, Groundwater Monitoring		GW-3/4	GW-3(A&B)	ICs, Monitored Natural Attenuation	ZVI reduction, bioremediation	GW-4	ICs, Monitored Natural Attenuation	ZVI reduction, plume-wide bioremediation	Radiologically Impacted Structures and Soil	R-1	R-1	Existing Structures and Soil		R-2	R-2	Survey, Decontamination, Excavation, Disposal	
Medium	UC-2 ROD Alternative	FS Alternative	Relevant Remedy Components for Parcel UC-2	Remedy Components not Relevant for Parcel UC-2 (not evaluated in ROD)																																																
Soil	S-1	S-1	Existing Soil																																																	
	S-2/3	S-2	ICs, Maintained Landscaping																																																	
		S-3	ICs, Maintained Landscaping	Excavation, Off- site Disposal																																																
	S-4/5	S-4	ICs, Install Covers																																																	
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Groundwater	GW-1	GW-1	Existing Groundwater																																																	
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		GW-4	ICs, Monitored Natural Attenuation	ZVI reduction, plume-wide bioremediation																																																
Radiologically Impacted Structures and Soil	R-1	R-1	Existing Structures and Soil																																																	
	R-2	R-2	Survey, Decontamination, Excavation, Disposal																																																	

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Mark Ripperda, dated and received September 17, 2009) (Continued)</b>			
6.		<b>Section 2.9.1 and 2.9.2:</b> Related to the previous comment, please delete the new text in Section 2.9.1. Also edit the sections, particularly the first two paragraphs of Section 2.9.1 to select remedies appropriate for Parcel UC-2, i.e., covers and ICs for soil and MNA and ICs for groundwater.	Please see also responses to EPA (Mr. Ripperda General Comment 1 and Specific Comment 5; Mr. Carr Specific Comment 3) and DTSC (General Comments 2 and 3).  Section 2.9.1 first paragraph was deleted. Edits have been made throughout Section 2.9 to discuss only the relevant remedy components for Parcel UC-2.
7.		<b>Section 2.9.1 and 2.9.2 (original comment 8):</b> Selecting MNA requires some analysis of both long-term effectiveness and implementability. The current discussion is too general and doesn't get at the point of will MNA work. You have data that shows a decrease of about an order of magnitude over ten years. MNA guidance requires that you include a discussion that provides a justification for MNA and that shows that remedial goals will be achieved in a reasonable time frame.	The following text was added to Section 2.9.2:  Under the Parcel UC-2 ROD, MNA will be implemented in and around the VOC plume area in both Parcels UC-2 and C (and also in downgradient locations) for the Parcel UC-2 groundwater remedy. <i>Over the past decade, the level of carbon tetrachloride has decreased by an order of magnitude. The current level of carbon tetrachloride in this area is between 1 and 5 µg/L (as of April 2008), and the Navy expects to meet the remedial goal of 0.5 µg/L within approximately the next 10 to 20 years. Therefore, selecting MNA as a remedy is justified because the remedial goals for groundwater will be achieved in a reasonable amount of time without active treatment.</i> The locations of monitoring points and the monitoring frequency will be specified in the RD. The monitoring plan will be flexible to allow modifications as data are collected.
8.		<b>Table 6 and Section 2.9.2:</b> Please include a thickness for the soil covers or state that because of the steep slope, the thickness will be determined in RD.	Table 7 (formerly Table 6) and Section 2.9.2 were revised to include the following:  <i>Because of the steep slope, the type and thickness of the soil cover will be established in the remedial design.</i>
<b>Responses to Comments from U.S. Environmental Protection Agency (Robert Carr, dated and received September 17, 2009)</b>			
<b>GENERAL COMMENT</b>			
1.		<b>General Comment 2 from Robert Carr:</b> We want to confirm our understanding from the response that MNA is the preferred remedy for that portion of the plume in Parcel C. If so, no need to make any changes to the text.	As implemented in Parcel UC-2, the groundwater remedy is monitored natural attenuation (MNA) and institutional controls (IC). The ROD was changed, as reflected in response to EPA (Ripperda) Specific Comment 7 above.

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from U.S. Environmental Protection Agency (Robert Carr, dated and received September 17, 2009) (Continued)</b>			
<b>SPECIFIC COMMENTS</b>			
1.		<b>Section 2.9.2, bottom of page 40:</b> Please add a sentence to the last paragraph on page 40 stating that the LUC RD shall be submitted in accordance with the FFA schedule.	Section 2.9.2 was revised to include the following: <i>The LUC RD will be submitted in accordance with the Federal Facility Agreement (FFA) schedule.</i>
2.		<b>Page 22:</b> Clarify statement regarding RAD risk to make it current. "Prior to the removal of RAD impacted structures...."	The text on page 22 was revised to state: <i>Before the affected structures (storm drains and sanitary sewers) were removed, radiological risks for soil and structures (storm drains and sanitary sewers) were greater than <math>10^{-6}</math> across Parcel UC-2.</i>
3.		<b>Page 26:</b> Eliminate the discussion of remedy components which do not relate to UC-2 here and in the balance of the comparison of alternatives.	Please see also responses to EPA (Mr. Ripperda General Comment 1 and Specific Comments 5 and 6); and DTSC (General Comments 2 and 3). The last paragraph of Section 2.8 (Page 28) was revised as follows: "Five remedial alternatives for soil ( <del>no action; ICs and maintained landscaping; excavation, disposal, ICs, and maintained landscaping; covers and ICs; and excavation, disposal, covers, soil vapor extraction [SVE], and ICs</del> ), five remedial alternatives for groundwater ( <del>no action; ICs and long term monitoring; in situ bioremediation, monitored natural attenuation and ICs; in situ zero-valent iron [ZVI] reduction, bioremediation, monitored natural attenuation and ICs; and in situ ZVI reduction, plume wide bioremediation, monitored natural attenuation, and ICs</del> ), and two remedial alternatives for radiologically impacted structures (storm drains and sanitary sewers) and soil associated with these structures ( <del>no action; and survey, decontamination, excavation, disposal, and release</del> ) were retained for a detailed comparative analysis in accordance with the NCP."
4.		<b>Page 37:</b> Limit to UC-2. There is no selected parcel wide remedy for Parcel C at this point.	Please see the response to EPA (Ripperda) general comment 1. The Navy concurs that there is no selected remedy for Parcel C. For clarity, the term "parcel-wide" was removed from the text.
5.		<b>Page 38:</b> How can a two foot soil cover be installed on a steep slope?	Please see the response to EPA (Ripperda) specific comment 8.
6.		<b>Page 39:</b> Has RAD work been completed as stated on page 10 or is it planned as suggested here?	The status of the radiological work has been updated on pages 10 and 15 of the ROD, and this text has also been added to page 41 of the ROD: <i>Survey and removal of the Parcel UC-2 storm drain and sanitary sewer lines were completed in early October 2009. The draft radiological survey unit report is planned for early spring in 2010.</i>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from California Department of Toxic Substances Control (DTSC) (Ryan Miya, dated and received September 14, 2009)</b>			
<b>GENERAL COMMENTS</b>			
1.		<p><b>Response to DTSC comment 8(a), Section 2.7 – Remedial Action Objectives.</b> Our original comment stated ‘Soil gas surveys <u>will</u> be required in order to determine if volatile organic compounds (VOCs) in soil gas do not pose an unacceptable risk via indoor inhalation of vapors’ and requested corrected text to be consistent with this statement. The response provided assumes that the groundwater contaminant plume will potentially decrease over time and a soil gas survey may not be needed. Text was also modified text in Section 2.9.2 to state that a soil gas survey <i>may</i> be conducted. However, while the VOC concentrations in groundwater and soil may decrease over time, verification that VOC vapors do not pose an unacceptable exposure risk <u>will</u> require implementation of a soil gas survey for VOCs, particularly in areas where soil and groundwater contamination remain. In addition, verification of the VOC vapor risks using soil vapor data will be required due to the fact that soil vapor extraction, zero-valent iron (ZVI) groundwater treatment, and groundwater bioremediation are not proposed for implementation in the Draft Final ROD.</p>	<p>The predominant chemicals present in Parcel UC-2 groundwater are volatile organic compounds (VOC), and specifically carbon tetrachloride. The highest concentration of carbon tetrachloride detected in groundwater samples from Parcel UC-2 is 28 micrograms per liter (µg/L), in 1993 in a sample from a well located in the eastern portion of IR-06. In 2007 and 2008, detections of carbon tetrachloride in this area were between 1 and 5 µg/L. Under the planned MNA remedy, the carbon tetrachloride levels should continue to decline and meet the remedial goal of 0.5 µg/L within approximately the next 10 to 20 years. Therefore, the need for a soil gas survey will be evaluated in the RD. The ROD was changed as the result of this comment as follows:</p> <p>Section 2.7, under bullet, Soil RAOs, the text was revised as follows:</p> <p>2. Prevent or minimize exposure to VOCs in soil gas at concentrations that would pose unacceptable risk via indoor inhalation of vapors. Remediation goals for VOCs to address exposure via indoor inhalation of vapors may be superseded based on COC identification information from <i>future</i> soil gas surveys <del>that may be conducted in the future.....</del></p> <p>Table 4, footnote e was revised as follows:</p> <p>e Remediation goals for volatile organic compounds to address exposure via indoor inhalation of vapors may be superseded based on chemicals of concern identification information from <i>future</i> soil gas surveys <del>that may be conducted in the future....</del></p>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from California Department of Toxic Substances Control (DTSC) (Ryan Miya, dated and received September 14, 2009) (Continued)</b>			
2.		<b>Response to DTSC Comment 11(b), Section 2.8.2 – Comparative Analysis of Alternatives.</b> Primary Balancing Criteria, Reduction in Toxicity, Mobility, or Volume through Treatment subsection. The response provided does not appear to address the original comment which is therefore restated as follows: The text states that alternatives GW-3B and GW-4 are rated the highest "because they both reduce the toxicity and volume of contaminants by active treatment of VOCs and metals, and that alternative GW-3A would also reduce the toxicity and volume of contaminants through treatment. However, in situ ZVI reduction and bioremediation have been excluded from the Parcel UC-2 remedies. The text and relative rankings should therefore be revised accordingly to adequately evaluate the proposed Parcel UC-2 remedies.	Please see also responses to EPA (Mr. Ripperda General Comment 1 and Specific Comments 5 and 6; Mr. Carr Specific Comment 3) and DTSC (General Comment 3). The requested change was made in Section 2.8.2, Table 7 (formerly Table 6) and Table 8 (formerly Table 7) to present, discuss, and evaluate only relevant remedy components for Parcel UC-2.
3.		<b>Response to DTSC, Office of Legal Affairs, Comment 2.</b> The response provided does not appear to address the original comment which is therefore restated as follows: Please explain why Alternatives S-4 and GW-2 were not selected since they contain all the retained components selected from Alternatives S-5 and GW-3B.	<p>Please see also responses to EPA (Mr. Ripperda General Comment 1 and Specific Comments 5 and 6; Mr. Carr Specific Comment 3) and DTSC (General Comment 2).</p> <p>For soil remedial alternatives at Parcel UC-2, the relevant remedial components of Alternatives S-4 and S-5 are the same (install covers, ICs), and the evaluations in the ROD are identical. The Final ROD for Parcel UC-2 evaluated the two identical alternatives as Alternative S-4/5. Alternative S-4/5 is the selected alternative for Parcel UC-2 soil remedy.</p> <p>For groundwater remedial alternatives at Parcel UC-2, the relevant remedial components of Alternatives GW-3B and GW-2 are different. Alternative GW-3B includes MNA, whereas GW-2 includes only long-term monitoring. However, because the relevant remedial components of Alternatives GW-3A, GW-3B, and GW-4 are the same (MNA and ICs) and the evaluations in the ROD are identical, the Final ROD for Parcel UC-2 evaluated these identical alternatives as Alternative GW3/4. Alternative GW-3/4 is the selected alternative for Parcel UC-2 groundwater remedy.</p> <p>Revisions were made throughout the ROD to reflect the above change.</p>



**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from San Francisco City and County Department of Public Health – City and Lennar (Amy D. Brownell, dated and received September 11, 2009)</b>			
<b>GENERAL COMMENTS</b>			
1.		Why have the references to a Risk Management Plan been removed from the draft final ROD? The Risk Management Plan is a part of the remedy and it was referenced in the draft ROD.	<p>The text in Section 2.9.2 has been revised to be consistent with the recent final ROD for Parcels D-1 and UC-1. The following text was added:</p> <p><i>A Risk Management Plan (RMP) may be prepared by the City and County of San Francisco and approved by the FFA signatories that may set forth certain requirements and protocols for implementing the activity restrictions specified in the ROD.</i></p> <p>The text in these two separate paragraphs was also revised:</p> <p>The following restricted activities throughout HPS Parcel UC-2 must be conducted in accordance with the “Covenant(s) to Restrict Use of Property,” Quitclaim Deed(s), <i>the RMP</i>, the LUC RD report, and if required, any other work plan or document approved in accordance with these referenced documents and must be further reviewed and approved by the FFA signatories...</p> <p>Any proposed construction of enclosed structures must be approved in accordance with the “Covenant(s) to Restrict Use of the Property,” Quitclaim Deed(s), <del>and</del> LUC RD report, <i>and the RMP</i> with approval of the FFA signatories prior to the conduct of such activity within the ARIC for VOC vapors to ensure that the risks of potential exposures to VOC vapors are reduced to acceptable levels that are adequately protective of human health. The reduction in potential risk can be achieved through engineering controls or other design alternatives that meet the specifications set forth in the ROD, RD reports, <del>and</del> LUC RD report, <i>and the RMP</i>.</p>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from San Francisco City and County Department of Public Health – City and Lennar (Amy D. Brownell, dated and received September 11, 2009) (Continued)</b>			
2.		<p><b>Section 2.9.2 Description of Selected Remedy.</b> Previous City comment 6 was not revised as stated in the Navy's Response to Comments on the Draft Parcel UC-2 ROD.</p> <p>Our Comment 6 on the Draft ROD stated: Please remove the second sentence of the first paragraph "Future landowners will need approval from the regulatory agencies to modify the covers" and replace with the following "Modification of covers will be governed by the Risk Management Plan discussed below and its terms will be enforced by the regulatory agencies." Please consider inserting the following sentence prior to the previous sentence, "The RD will include plans for inspection and maintenance to ensure the covers remain intact".</p> <p>The RTCs state that the first paragraph "has been revised as suggested" and lists the revision as:</p> <p>a. Inspection and maintenance requirements for the durable covers will be specified in the remedial design (RD). Modification of the covers will be governed by the LUC RD report and Risk Management Plan discussed below and its terms will be enforced by the regulatory agencies."</p> <p>However, the text of this paragraph in the Draft Final UC-2 ROD is missing the "and Risk Management Plan" clause and instead states just:</p> <p>b. <i>"Inspection and maintenance requirements for the durable covers will be specified in the remedial design. Modification of the covers will be governed by the LUC RD report discussed below and its terms will be enforced by the regulatory agencies."</i></p>	<p>The responses to comments (RTC) prepared for the draft ROD contained an inadvertent error that referred to the RMP instead of the RD. As requested, the following text was added to Section 2.9.2:</p> <p>Durable covers will be applied as physical barriers for the Parcel UC-2 soil remedy to cut off potential exposure to metals in soil. <i>The RD will include plans for inspection and maintenance to ensure the covers remain intact</i><del>requirements for the durable covers will be specified in the remedial design</del>. Modification of the covers will be governed by the LUC RD report discussed below, and its terms will be enforced by the regulatory agencies.</p> <p>The text in Section 2.9.2 of the final ROD has been further revised to be consistent with the recent final ROD for Parcels D-1 and UC-1. Please also see the response to city general comment 1.</p>

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from San Francisco City and County Department of Public Health – City and Lennar (Amy D. Brownell, dated and received September 11, 2009) (Continued)</b>			
2. (Cont'd)		<p>No mention of the RMP is included in this paragraph or in text below it in Section 2.9.2 of the Draft Final UC-2 ROD. Additionally, the paragraph at top of page 38 in the DRAFT Parcel UC-2 ROD states:</p> <p>c. “The activity restrictions in the “Covenant(s) to Restrict Use of Property” and Quitclaim Deed(s) shall be addressed in the Parcel UC-2 Risk Management Plan (“Parcel UC-2 RMP”) that may be prepared by the City and County of San Francisco and approved by the Navy and FFA signatories and/or the land use control remedial design (LUC RD) report that would be reviewed and approved by the FFA signatories. The Parcel UC-2 RMP and/or LUC RD shall be referenced in the applicable “Covenant(s) to Restrict Use of Property” and Quitclaim Deed(s). The Parcel UC-2 RMP and/or LUC RD shall specify soil and groundwater management procedures for compliance with the remedy selected in the Parcel UC-2 ROD. The Parcel UC-2 RMP and/or LUC RD shall identify the roles of local, state, and federal government in administering the Parcel UC-2 RMP and/or LUC RD and shall include, but not be limited to, procedures for any necessary sampling and analysis requirements, worker health and safety requirements, and any necessary site-specific construction or use approvals that may be required.”</p> <p>However, the text of this paragraph, located at the bottom of page 40 in the Draft Final UC-2 ROD, no longer references the RMP.</p> <p>Our request is that the Navy please revise the first paragraph in Section 2.9.2 as indicated above in bullet “a” and the paragraph starting on the bottom of page 40 as indicated above in bullet “c”.</p>	

**RESPONSES TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR PARCEL UC-2,  
HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA (CONTINUED)**

No.	Page	Comment	Response
<b>Responses to Comments from San Francisco City and County Department of Public Health – City and Lennar (Amy D. Brownell, dated and received September 11, 2009) (Continued)</b>			
3.		<b>Page 42, Proposed Activity Restrictions Relating to VOC vapors</b> at specific locations within Parcel UC-2. We appreciate that the Navy has removed the requirement for VOC vapor restrictions for all of Parcel UC-2. As stated many times on previous documents, we disagree with linking a VOC vapor restriction to the redevelopment block rather than linking the restriction to the identified area of known contamination preferably based on soil vapor sampling.	Comment noted.
<b>Response to Comment from California Regional Water Quality Control Board (Ross Steenson, dated September 16, 2009)</b>			
<b>GENERAL COMMENT</b>			
1.		Please make the document language consistent with the minor revisions made to Final Record of Decision for Parcels D-1 and UC-1, as appropriate. These minor revisions included modifying the footnote on page 1 regarding excerpts referenced by hyperlink and references throughout the document to a Risk Management Plan that may be prepared by the City and County of San Francisco.	The minor revisions incorporated in the Final ROD for Parcels D-1 and UC-1 were incorporated in the Final ROD for Parcel UC-2, as requested. Please also see the responses to EPA (Ripperda) specific comment 1, EPA (Carr) specific comment 1, and city general comment 1.



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DEC 28 2009

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Dear BCT Members:

Enclosure (1), the Final Record of Decision (ROD) for Parcel UC-2, Hunters Point Shipyard, San Francisco, California, dated December 17, 2009. Included in Enclosure (1) is the final Response to Comments.

Please contact Ms. Sarah Koppel at (619) 532-0962 or myself at (619) 532-0913 with any questions regarding the submittal.

Sincerely,

KEITH FORMAN  
BRAC Environmental Coordinator  
By direction of the Director

Enclosure: 1. Final Record of Decision (ROD) for Parcel UC-2, Hunters Point Shipyard,  
San Francisco, California, December 17, 2009

DEC 28 2009

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